

LEC  
Chevron

Chevron U.S.A. Production Company  
Mid-Continent Business Unit  
P.O. Box 36366  
Houston, TX 77236  
Phone 713 754 2000

April 9, 2002

Mr. John Baza,  
Associate Director of Oil and Gas  
Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
1594 W. North Temple St., Suite 1210  
Salt Lake City, UT 84114-5801

RECEIVED

APR 12 2002

DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Baza:

As you may recall from our meeting last year, we planned to combine the assets of **Chevron U.S.A. Inc. ("CUSA")**, by merger, and **Texaco Exploration and Production Inc. ("TEPI")**, by assignment, into a new entity which we referred to as "Newco LP". Along the way, additional information came to light and it was decided that this proposed corporate restructure would not be preferable. Therefore, CUSA and TEPI have continued to operate as separate entities.

We are now planning a simpler restructuring process where TEPI will assign most of its assets/operatorship to CUSA effective **May 1, 2002**. We plan to use the existing CUSA bonds/letters of credit, operator identification numbers, etc., for the TEPI assets that will be assigned.

A task force of Land, Regulatory and Environmental Compliance personnel are finishing the work that was begun last year to assign TEPI's assets—using the same forms and procedures as before. We have "new faces" in this task force due to reassignments and departures. In some cases, it may be worthwhile to visit you and your staff in person where new people are involved or if we need to review/clarify your forms and procedures. Otherwise, we will endeavor to complete the work to assign TEPI's assets/operatorship to CUSA and deliver the requisite materials to you in a timely manner.

During discussions last year, our focus was on Land, Regulatory and Environmental matters. The Finance organization also desires to join in this effort. For State Tax, Royalty and Regulatory reporting purposes (applicable to production from May 2002 through December 2002), we intend to generate two reports and two payments.

However, the reporting company name and identification number will be CUSA's. Beginning with January 2003 production and thereafter, we will issue only one CUSA report and payment. We trust this plan meets with your approval. Any questions or comments should be directed to Rick Dunlavy (telephone 713/752-7411, rickdunlavy@chevrontexaco.com).

We appreciate the cooperation and guidance you provided us in the past, and we look forward to bringing these efforts to a conclusion.

Respectfully submitted,



Don R. Sellars

Sr. Environmental Specialist



*Talon Resources, Inc.*

Service, Quality and Accuracy

375 South Carbon Avenue A-10  
Suite 101  
Price, Utah 84501  
Phone: 435-637-8781

Cell: 801-650-1401  
801-650-1402  
Fax: 435-636-8603  
Email: talon@castnet.com

June 3, 2002

Diana Mason  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Monroe Trust 1-20,  
516' FNL, 503' FEL, Section 20, T16S, R1W, SLB&M; Juab County, Utah

Dear Diana:

On behalf of ChevronTexaco, Talon Resources, Inc. respectfully submits the enclosed original of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

- Exhibit "A" - Survey plats and layouts of the proposed well site;
- Exhibit "B" - Proposed location maps with road corridors;
- Exhibit "C" - Drilling site layout;
- Exhibit "D" - Drilling Program;
- Exhibit "E" - Multi Point Surface Use Plan;
- Exhibit "F" - Typical road cross-section;
- Exhibit "G" - Typical BOP diagram;
- Exhibit "H" - Typical wellhead manifold diagram.

**RECEIVED**

JUN 04 2002

DIVISION OF  
OIL, GAS AND MINING

**ORIGINAL**

**CONFIDENTIAL**

Please accept this letter as ChevronTexaco's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact myself, or Mr. Jim Micikas of ChevronTexaco at 281-561-4860 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton

Environmental Manager / Project Coordinator

cc: Mr. Jim Micikas, ChevronTexaco  
Mr. Ian Kephart, ChevronTexaco  
Mr. Gene Herrington, ChevronTexaco  
Texaco Well File

**ORIGINAL**

DIVISION OF OIL, GAS AND MINING

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL [X] DEEPEN [ ]
B. Type of Well: OIL [ ] GAS [X] SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. Name of Operator: Texaco EEP Chevron USA Inc.

3. Address and Telephone Number: 11111 Wilcrest Drive, Houston, Texas 77099; 1-281-561-4860

4. Location of Well (Footages) At Surface: 516' FNL, 503' FEL 4362384 Y 39.40903 At Proposed Producing Zone: 418776 X -111.94343

5. Lease Designation and Serial Number: ML-48429
6. If Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: N/A
8. Farm or Lease Name: Utah State
9. Well Number: 1-20
10. Field or Pool, or Wildcat: Wildcat
11. Qtr/Qtr, Section, Township, Range, Meridian: NE/4 NE/4, Section 20, T16S, R1W, SLB&M

14. Distance in miles and direction from nearest town or post office: Approximately 11.4 miles southwest of Levan, Utah
12. County: Juab
13. State: Utah

15. Distance to nearest property or lease line (feet): 503'
16. Number of acres in lease: 2330.02
17. Number of acres assigned to this well: 160 acres

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): None
19. Proposed Depth: 3,600'
20. Rotary or cable tools: Rotary

21. Elevations (show whether DF, RT, GR, etc.): 5186' GR
22. Approximate date work will start: June 2002

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, GRADE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Contains data for 12-1/4" and 7-7/8" hole sizes.

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.\*

Fee Bond Number: 6027949

SITLA Bond number 6049663 fc

Surface Owner: Monroe Trust; P.O. Box 560052, Scipio, Utah 84656

Landowner Representative: Barry Monroe 435-759-2633

Core Interval: Core ±90' from ±1,100' utilizing a conventional core barrel yielding 3-1/2" core

Approved by the Utah Division of Oil, Gas and Mining

Date: 06-05-02
By: [Signature]

RECEIVED

JUN 04 2002

DIVISION OF OIL, GAS AND MINING

24. Name & Signature: Don Hamilton Title: Agent for ChevronTexaco Date: 6-3-02

(This space for state use only)

API Number Assigned: 43-023-30019

Approval:

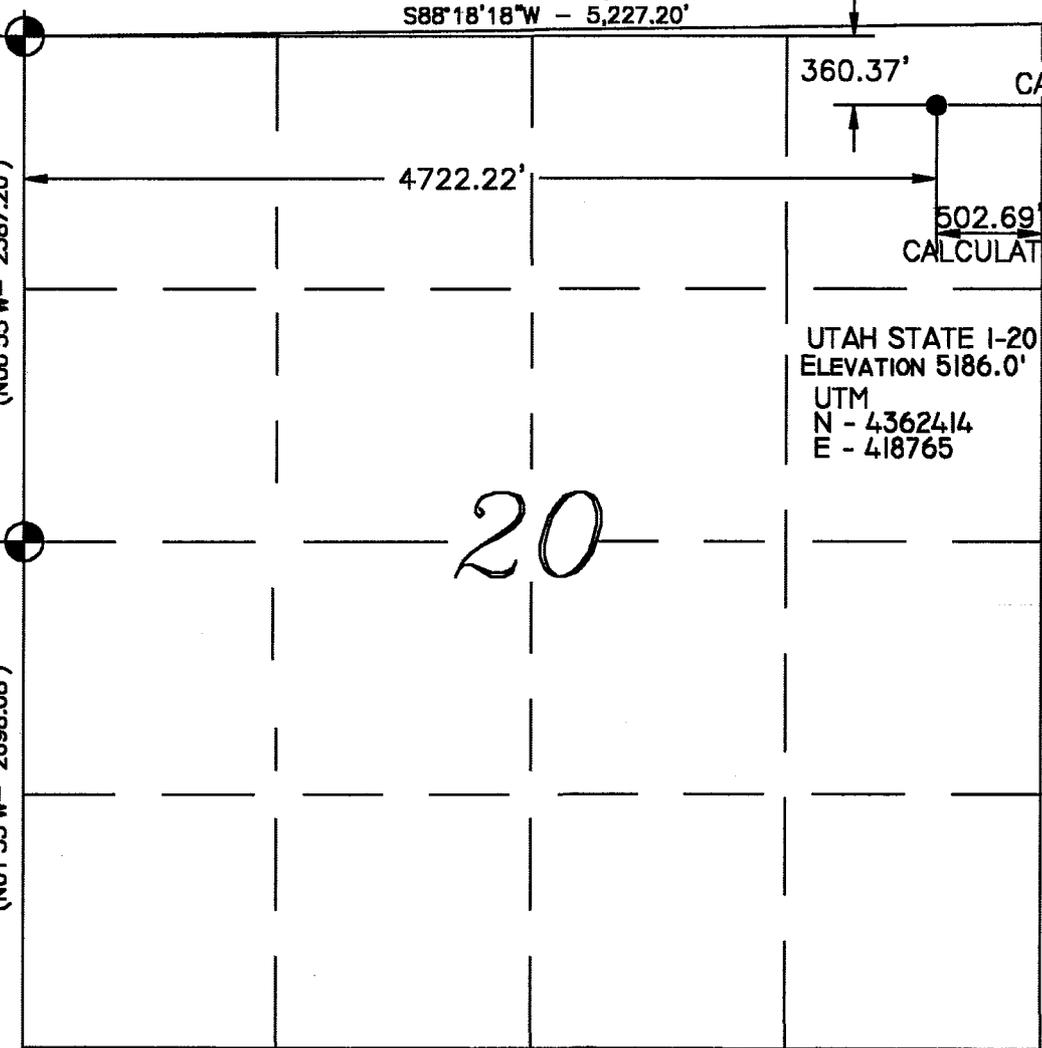
CONFIDENTIAL

ORIGINAL

# Range 1 West

Based on County Plat  
S88°18'18"W - 5,227.20'

Township 16 South  
(N00°53'07"W - 2737.57'  
(N00°55'W - 2587.20')  
(N01°55'W - 2698.08')



## Legend

- Drill Hole Location
- ⊕ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

### NOTE:

UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°24'34"  
111°56'37"

### Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

### Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

### GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

### Basis of Elevation:

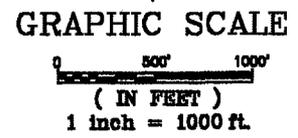
BASIS OF ELEVATION OF 5197' BEING AT A BENCH MARK LOCATED IN THE NW 1/4 OF SECTION 20, TOWNSHIP 16 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE MILLS QUADRANGLE 7.5 MINUTE SERIES MAP.

### Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE NE 1/4, NE 1/4 OF SECTION 20; BEING 360.93' SOUTH AND 4722.22' EAST FROM THE NORTHWEST CORNER OF SECTION 7, T16S, R1W, SALT LAKE BASE AND MERIDIAN.

### Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



## TALON RESOURCES, INC.

375 S. Carbon Ave, St 101, (A-10)  
Price - Huntington, Utah  
Phone (435)637-8781 Fax (435)636-8603  
E-Mail taloncastnet.com

## ChevronTexaco

UTAH STATE 1-20  
Sec. 20, T16S, R1W, S.L.B.&M.  
Juab County, Utah

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-1	Date: 05/21/02
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 649

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL  DEEPEN

B. Type of Well: OIL  GAS  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator: Texaco EEP

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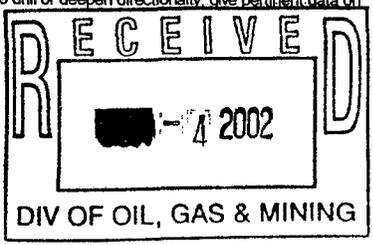
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22. Approximate date work will start: June 2002

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SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55 ST&C	24	300'	230 sacks Class G cement + 1% CaCl <sub>2</sub> + 0.25 pps cellophane
7-7/8"	5-1/2" N-80 LT&C	17	3,600'	323 sacks 10:2 RFC Class G + 1% CaCl <sub>2</sub> + 0.25 pps cellophane flakes

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.\*



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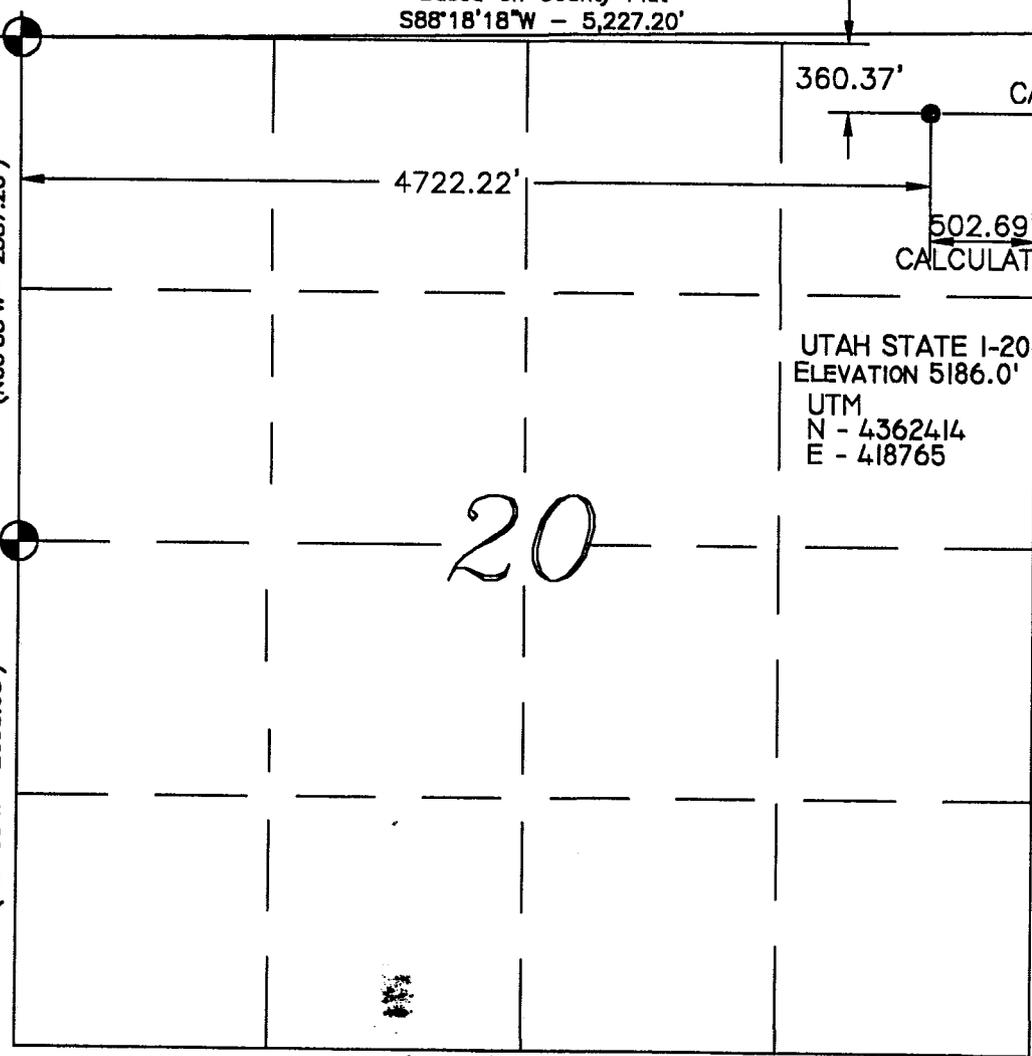
Approval:

CONFIDENTIAL  
ORIGINAL

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Based on County Plat  
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Township 16 South  
(N00°53'07"W - 2737.57')  
(N00°55'W - 2587.20')  
(N01°55'W - 2698.08')



UTAH STATE 1-20  
ELEVATION 5186.0'  
UTM  
N - 4362414  
E - 418765

(N88°30'W - 5319.60')  
N88°14'32"E - 5299.14'  
Based on County Plat

**Location:**  
THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

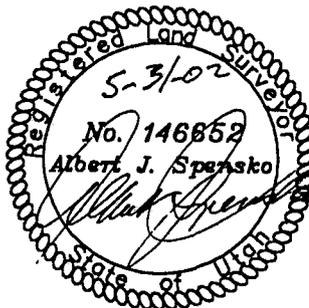
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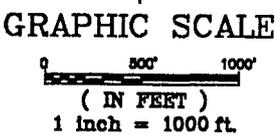


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- Legend**
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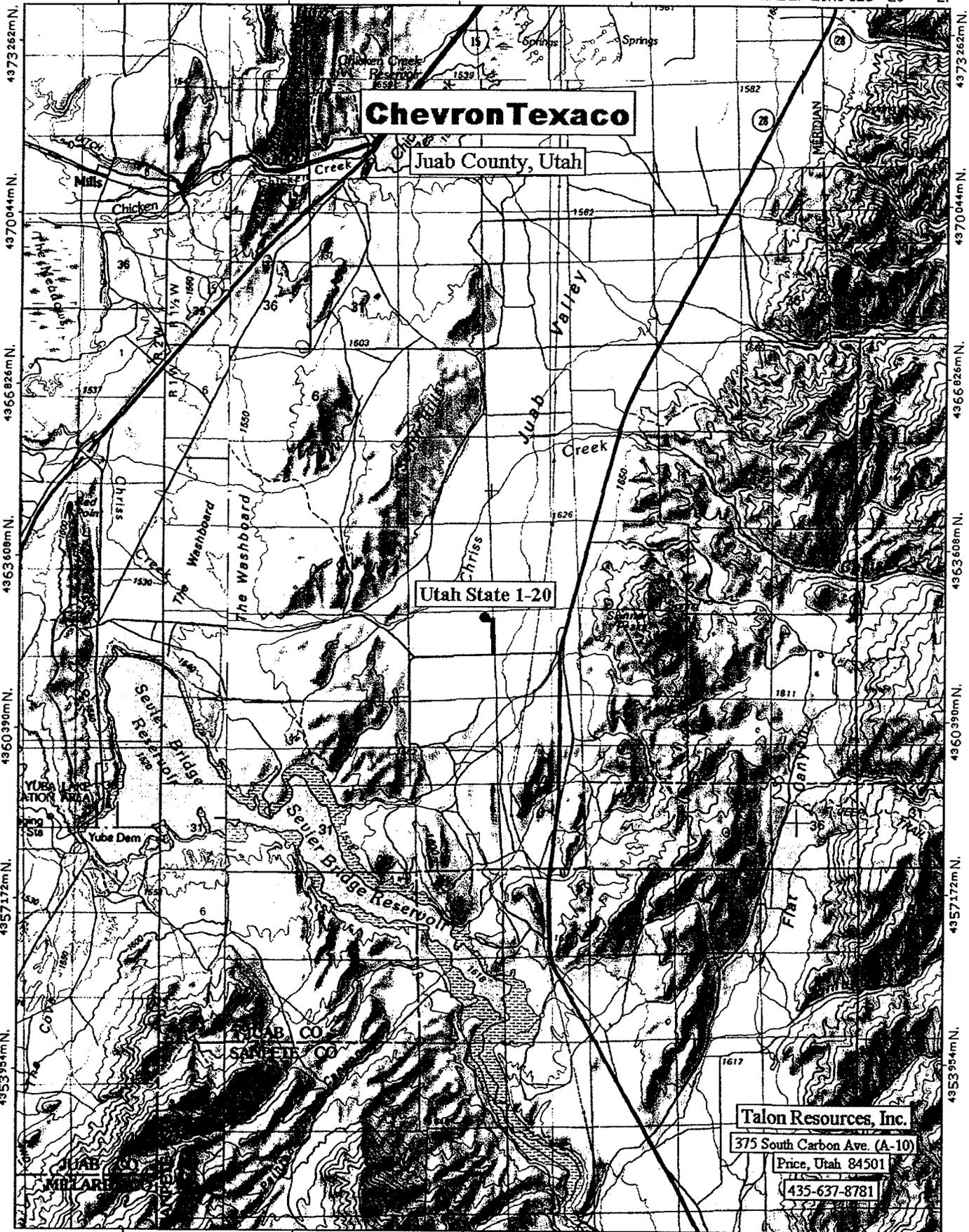


**ChevronTexaco**

UTAH STATE 1-20  
Sec. 20, T16S, R1W, S.L.B.&M.  
Juab County, Utah

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-1	Date: 05/21/02
	Scale: 1" = 1000'
Sheet 1 of 1	Job No. 649

411904mE. 415122mE. 418340mE. 421558mE. NAD27 Zone 12S 426385mE.



**ChevronTexaco**

Juab County, Utah

Utah State 1-20

**Talon Resources, Inc.**

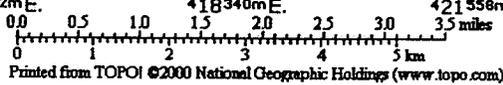
375 South Carbon Ave. (A-10)

Price, Utah 84501

435-637-8781

TN MN  
13°

411904mE. 415122mE. 418340mE. 421558mE.



NAD27 Zone 12S 426385mE.

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EXHIBIT "D"  
DRILLING PROGRAM

Attached to UDOGM Form 3  
ChevronTexaco  
Utah State 1-20  
NE/4 NE/4, Sec. 20, T16S, R1W, SLB & M  
516' FNL, 503' FEL  
Juab County, Utah

1. The Geologic Surface Formation

Flagstaff

2. Estimated Tops of Important Geologic Markers

North Horn	-- <del>2,750</del> ' 1100'
Lower North Horn	-- 1,500'

3. Projected Gas & H2O zones

Lower North Horn            - 1,500' - 2,000'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1000 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>CONDITION</u>
12-1/4"	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	3,600'	5-1/2"	17# N-80 LT&C	New

**CONFIDENTIAL**

Cement Program -Every attempt will be made to bring cement back to surface.

Surface Casing: 230 sacks G + 1 % CaCl<sub>2</sub> + 0.25 pps cellophane flakes;  
Weight: 15.8 #/gal  
Yield: 1.16 cu.ft/sk

Production Casing: 323 sacks 10:2 RFC Class G cement + 1 % CaCl<sub>2</sub> + 0.25 pps cellophane flakes;  
Weight: 14.2 #/gal,  
Yield: 1.62 cu.ft/sk yield.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOP will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-300	12-1/4" hole	Freshwater based mud
300-TD	7-7/8" hole	Freshwater based mud

7. The Testing, Logging and Coring Programs are as followed

300-TD      Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is approximately 1000 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx.: June 2002.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

EXHIBIT "E"  
Multipoint Surface Use Plan

Attached to UDOGM Form 3  
ChevronTexaco  
Utah State 1-20  
NE/4 NE/4, Sec. 20, T16S, R1W, SLB & M  
516' FNL, 503' FEL  
Juab County, Utah

**1. Existing Roads**

- a. The proposed access road will utilize the existing Juab County Old Botham road. The proposed encroachment has received verbal approval by the Juab County Road Department (see Exhibit "B").
- b. We do not plan to change, alter or improve upon any other existing state or county roads. Existing roads will be maintained in the same or better condition.

**2. Planned Access**

- a. Approximately 2,600' of new access is required (see Exhibit "B").
- b. Maximum Width: 20' travel surface with a 27' base.
- c. Maximum grade: 10%.
- c. Turnouts: None.
- d. Drainage design: approximately 2 – 18" culvert may be required. Water will be inverted away from the planned access as necessary and practical.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

### **3. Location of Existing Wells**

- a. There are no proposed wells and no existing wells within a one mile radius of the proposed well site (see Exhibit "B").

### **4. Location of Existing and/or Proposed Facilities**

- a. If the well is a producer, installation of production facilities will follow.
- b. Powerlines and gathering lines will follow the proposed access road to the intersection with the Juab County road (see Exhibit "B").
- c. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### **5. Location and Type of Water Supply**

- a. Water to be used for drilling will be acquired from State Permit #66-77 owned by the Bureau of Land Management.
- b. Water will be transported by truck over approved access roads and stored in storage tanks.
- c. Location of the point of diversion is North 4054' and East 4571' from the southwest corner of Section 7, T16S, R1W, SLB&M
- d. No water well is to be drilled for this location.

### **6. Source of Construction Materials**

- a. All necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

## **7. Methods for handling waste disposal**

- a. Since the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or pad location
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

## **9. Wellsite Layout**

- a. Available topsoil will be removed from the location and stockpiled. The location of mud tanks, reserve and burn pits, and soil stockpiles will be located as shown on Exhibit "C".
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the burn pit. The burn pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

## **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and recontoured to minimize possible erosion.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by the existing conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the wellsite is to be abandoned, all disturbed areas will be recontoured.

## **11. Surface Ownership**

- a. The wellsite will be constructed on lands owned by the Monroe Trust; P.O.Box 560052, Scipio, Utah 84656; contact Barry Monroe at 435-759-2633. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

## **12. Other Information:**

- a. The primary surface use is wildlife habitat. The nearest dwelling is approximately 2.62 miles northwest. Nearest live water is Sevier Bridge Reservoir approximately 2.6 miles southwest.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The backslope and foreslope will be constructed no steeper than 4:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be at the well site during construction and drilling operations.
- f. There will be no deviation from the proposed construction, drilling, and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. **Company Representatives**

Jim Micikas  
ChevronTexaco  
11111 South Wilcrest Drive  
Houston, Texas 77099

(281) 561-4860

**Mail Approved A.P.D. To:**

Company Representatives

**Excavation Contractor**

To be Determined

14. **Certification**

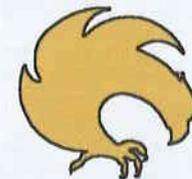
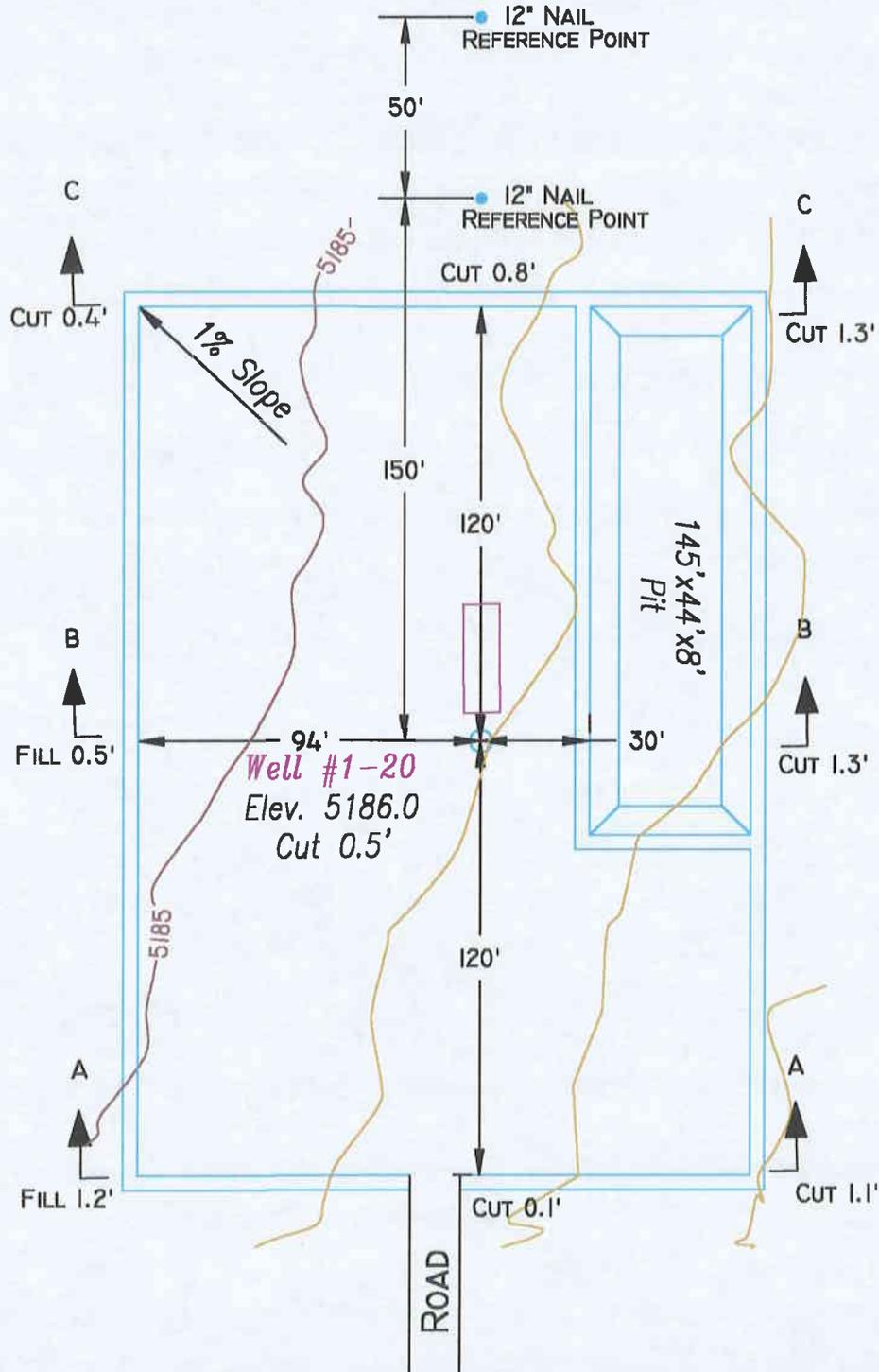
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill-site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ChevronTexaco and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

\_\_\_\_\_  
Date

*Don Hamilton for ChevronTexaco*  
ChevronTexaco

**ORIGINAL**

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 5186.0'  
 ELAVATION OF GRADED GROUND AT LOCATION STAKE = 5185.5'



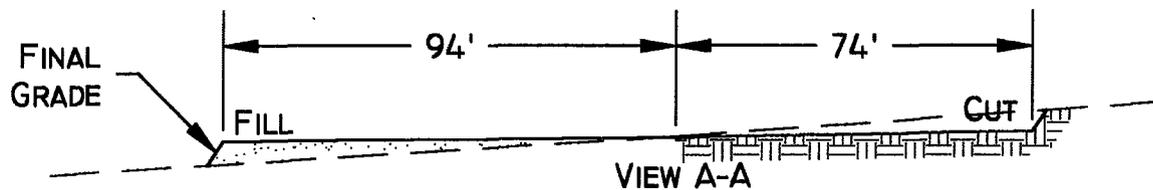
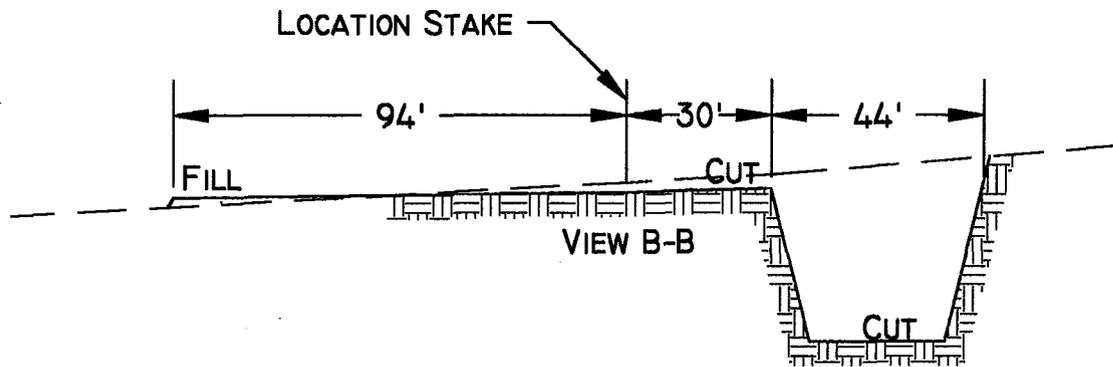
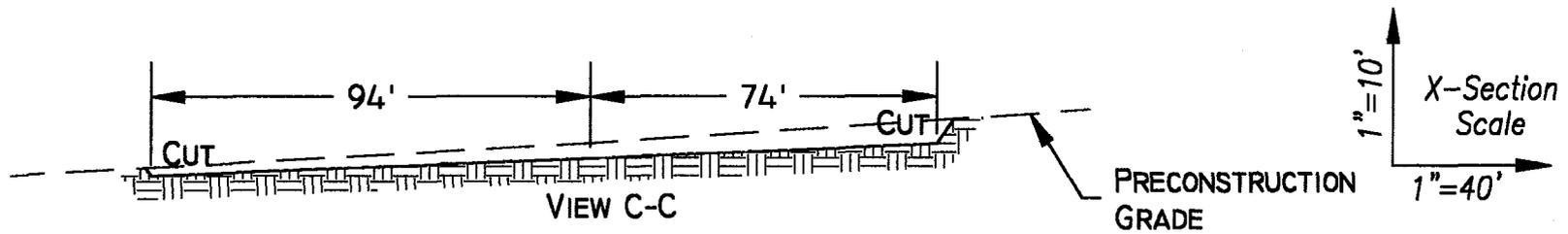
**TALON RESOURCES, INC.**

375 S. Carbon Ave., Ste 101, (A-10)  
 Price - Huntington, Utah  
 Phone (435)637-8781 Fax (435)636-8603  
 E-Mail talon@castlenet.com

**ChevronTexaco**

LOCATION LAYOUT  
 Section 20, T16S, R1W, S.L.B.&M.  
 Utah State 1-20

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 05/20/02
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 649



SLOPE = 1 1/2 : 1  
 (EXCEPT PIT)  
 PIT SLOPE = 1 ; 1



**TALON RESOURCES, INC.**

375 S. Carbon Ave, Ste. 101, (A-10)  
 Price - Huntington, Utah  
 Phone (435)637-8781 Fax (435)636-8608  
 E-Mail talon@castnet.com

**ChevronTexaco**

TYPICAL CROSS SECTION  
 Section 20, T16S, R1W, S.L.B.&M.  
 Utah State 1-20

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. C-1	Date: 05/20/02
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 649

APPROXIMATE YARDAGES

CUT  
 (6") TOPSOIL STRIPPING = 750 CU. YDS.  
 REMAINING LOCATION = 730 CU, YDS.  


---

 TOTAL CUT = 1,655 CU. YDS.  
 TOTAL FILL = 164 CU. YDS.

418340m E.

NAD27 Zone 12S 419949m E.

**ChevronTexaco**

Juab County, Utah

**Utah State 1-20**

**Talon Resources, Inc.**

375 South Carbon Ave. (A-10)

Price, Utah 84501

435-637-8781

4363608m N.

4361999m N.

4360390m N.

4363608m N.

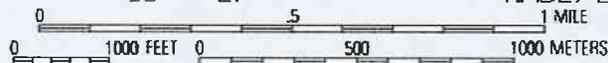
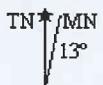
4361999m N.

4360390m N.

416731m E.

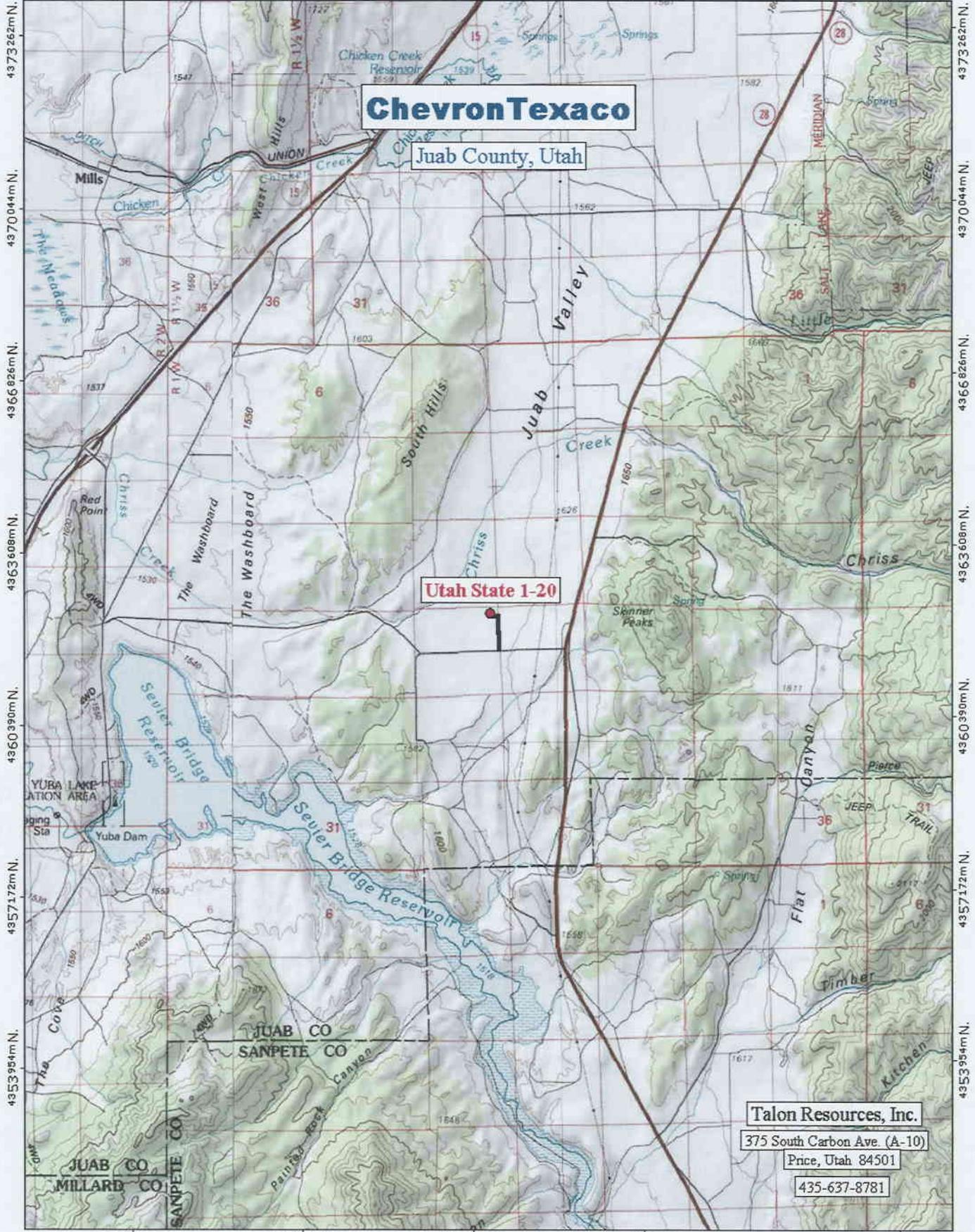
418340m E.

NAD27 Zone 12S 419949m E.



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411904m.E. 415122m.E. 418340m.E. 421558m.E. NAD27 Zone 12S 426385m.E.



**ChevronTexaco**

Juab County, Utah

Utah State 1-20

**Talon Resources, Inc.**

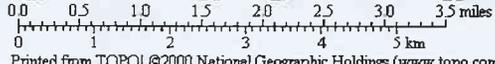
375 South Carbon Ave. (A-10)

Price, Utah 84501

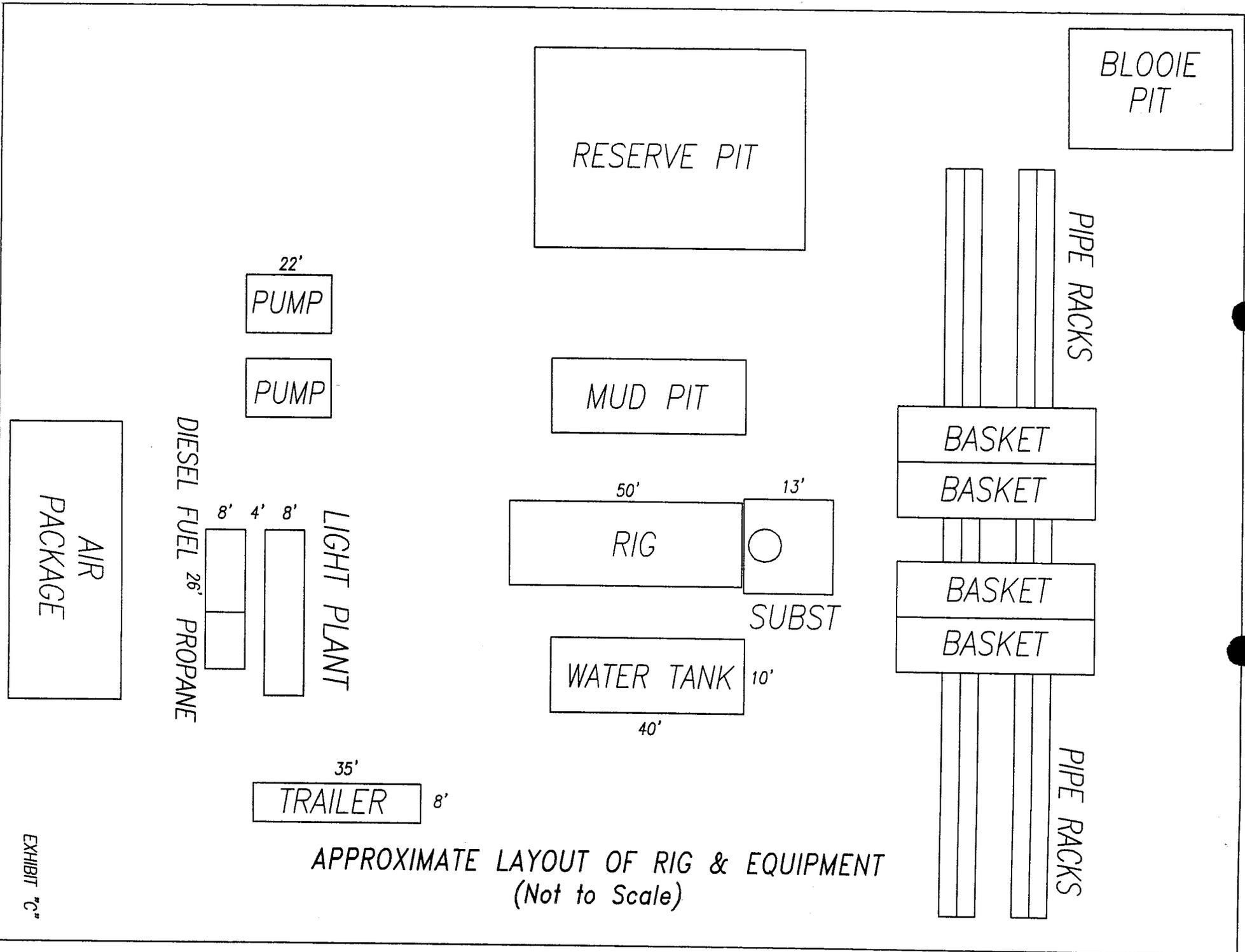
435-637-8781



411904m.E. 415122m.E. 418340m.E. 421558m.E. NAD27 Zone 12S 426385m.E.



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APPROXIMATE LAYOUT OF RIG & EQUIPMENT  
(Not to Scale)

EXHIBIT "C"

# TYPICAL ROAD CROSS-SECTION

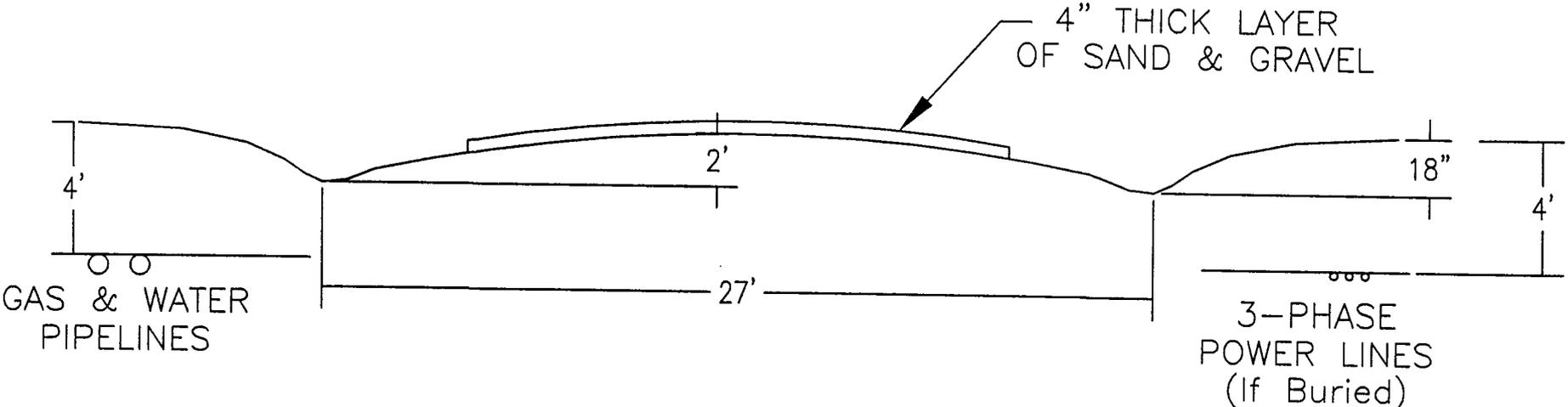


EXHIBIT "F"

# BOP Equipment

3000psi WP

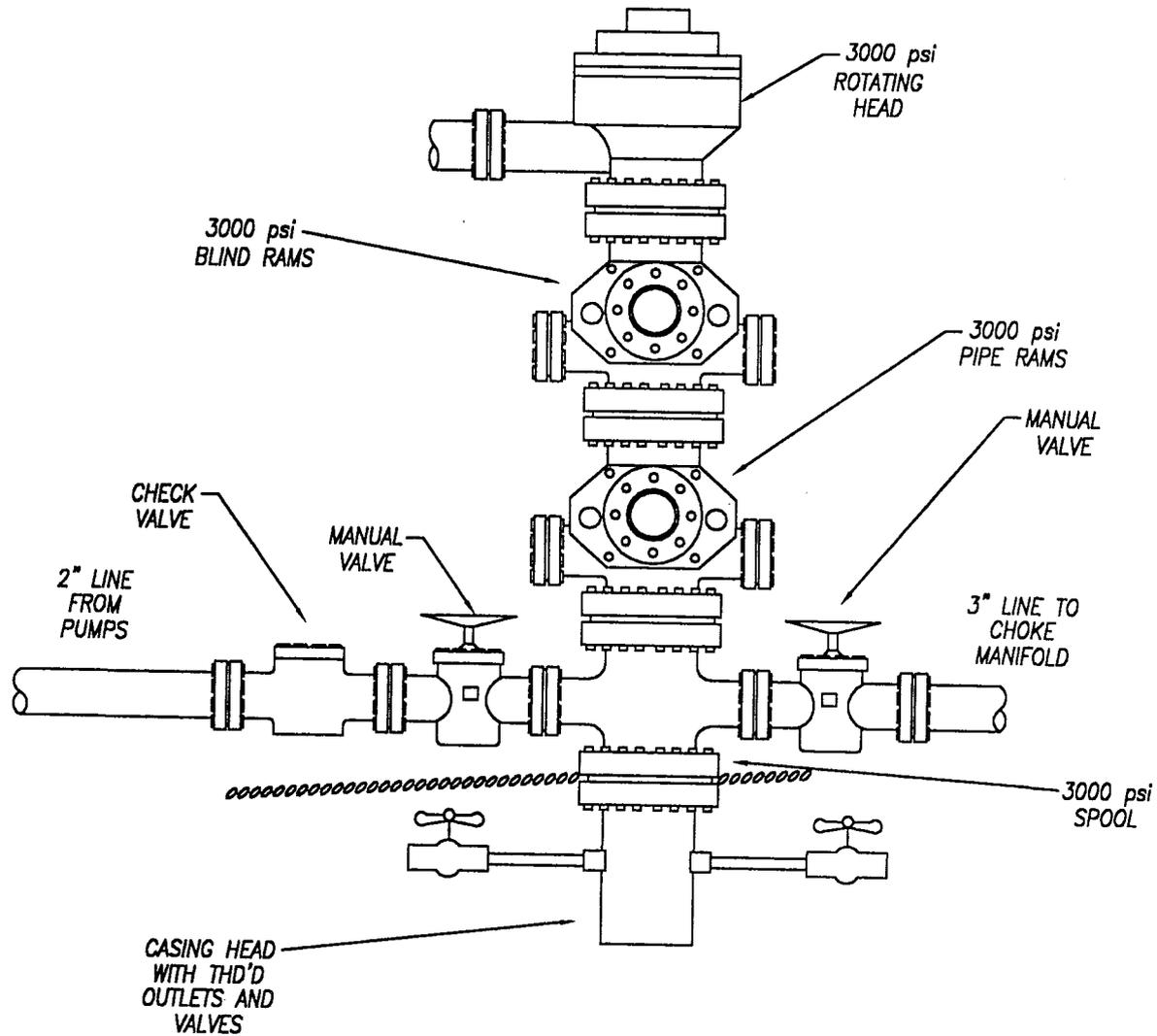


EXHIBIT "G"

# CHOKE MANIFOLD

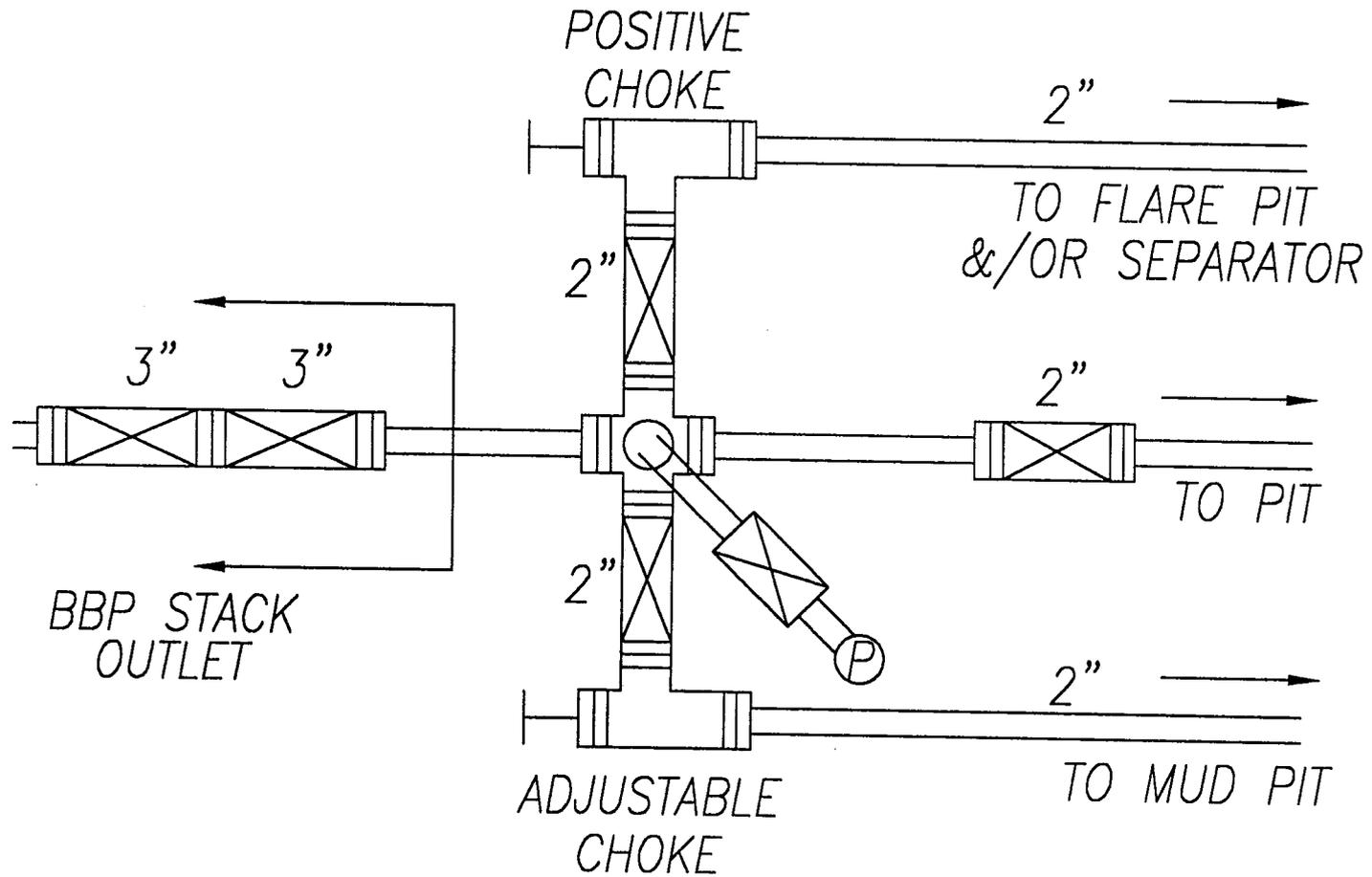


EXHIBIT "H"

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/04/2002

API NO. ASSIGNED: 43-023-30019

WELL NAME: UTAH STATE 1-20

OPERATOR: ~~TEXACO E & P INC~~ <sup>Environ USA</sup> Inc (N5700)  
CONTACT: DON HAMILTON/AGENT (N0210)

PHONE NUMBER: 435-637-8781  
~~201-561-4860~~

PROPOSED LOCATION:

NENE 20 160S 010W  
SURFACE: 0516 FNL 0503 FEL  
BOTTOM: 0516 FNL 0503 FEL  
JUAB  
WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	7/25/02
Geology		
Surface		

LEASE TYPE: 3 - State  
LEASE NUMBER: ML-48429 <sup>DM</sup>  
SURFACE OWNER: 4 - Fee

LATITUDE: 39.40903  
LONGITUDE: 111.94343

PROPOSED FORMATION: NHORN

RECEIVED AND/OR REVIEWED:

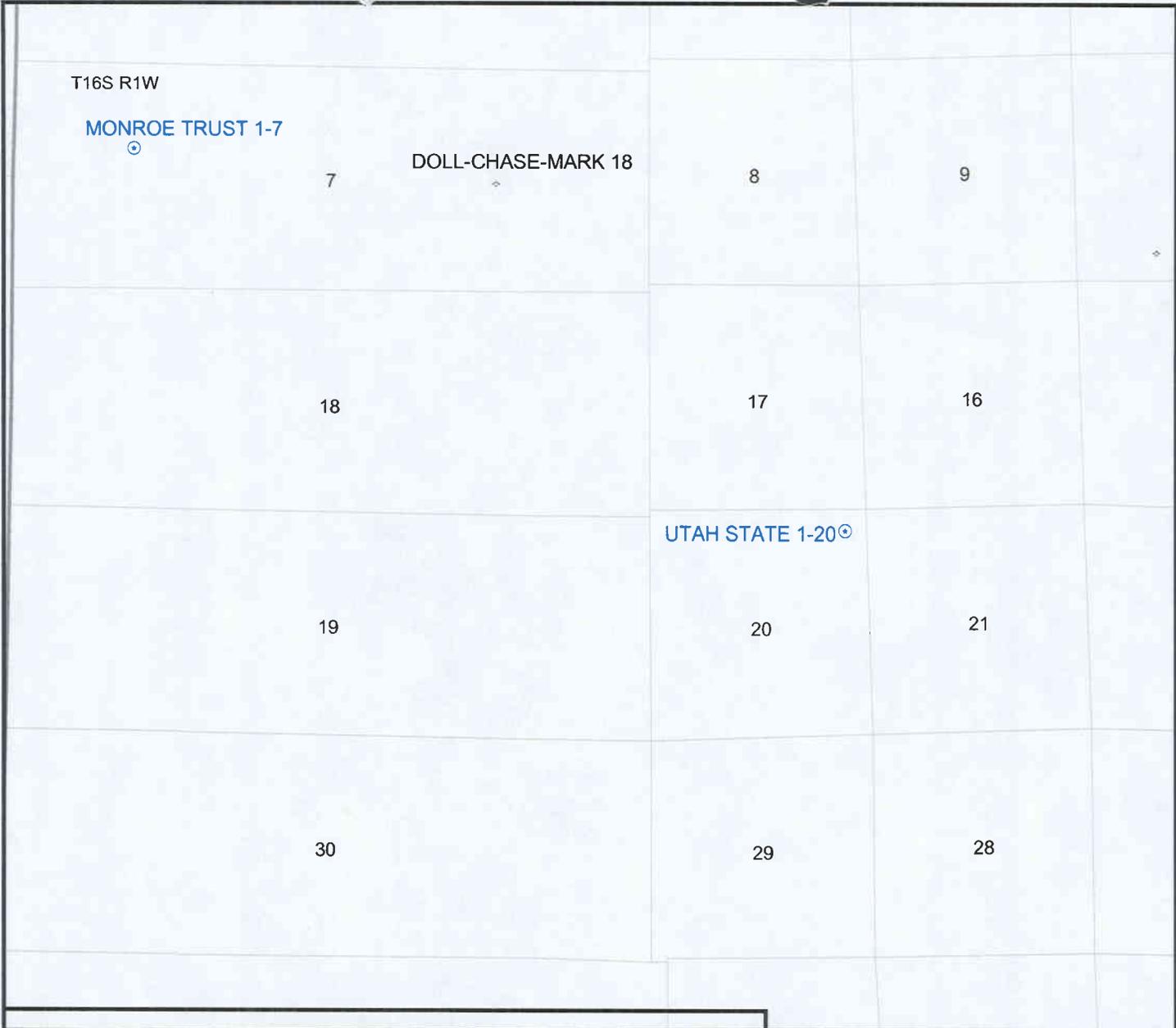
- Plat
- Bond: Fed[] Ind[] Sta  Fee [4] (No. ~~6027949~~ 489,758,059 <sup>DM</sup>)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit (No. 66-77 )
- RDCC Review (Y/N) (Date: 07/18/2002 )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: Need presite. (Rec'd 7-8-02)

STIPULATIONS: 1- Statement of basis North Horn  
2- Production casing shall be cemented above the top of the North Horn Formation ( $\pm 1000'$ )  
3- Spacing 500'

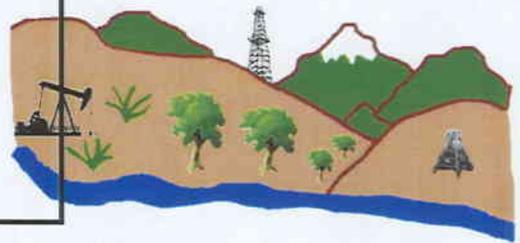


OPERATOR NAME: TEXACO E & P (N5700)

SEC. 20 T16S R1W

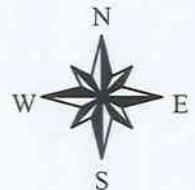
FIELD: WILDCAT (001)

COUNTY: JUAB



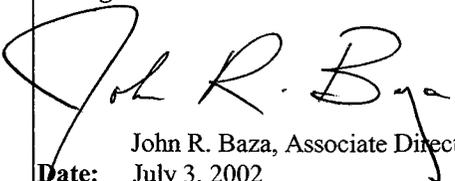
Field Status		Well Status		Unit Status	
	ABANDONED		Gas Injection		EXPLORATORY
	ACTIVE		Gas Storage		GAS STORAGE
	COMBINED		Location Abandoned		NF PP OIL
	INACTIVE		Location		NF SECONDARY
	PROPOSED		Plugged		PENDING
	STORAGE		Producing Gas		PI OIL
	TERMINATED		Producing Oil		PP GAS
	Township.shp		Shut-In Gas		PP GEOTHERML
	Sections		Shut-In Oil		PP OIL
			Temporarily Abandoned		SECONDARY
			Test Well		TERMINATED
			Water Injection		
			Water Supply		
			Water Disposal		

## Utah Oil Gas and Mining

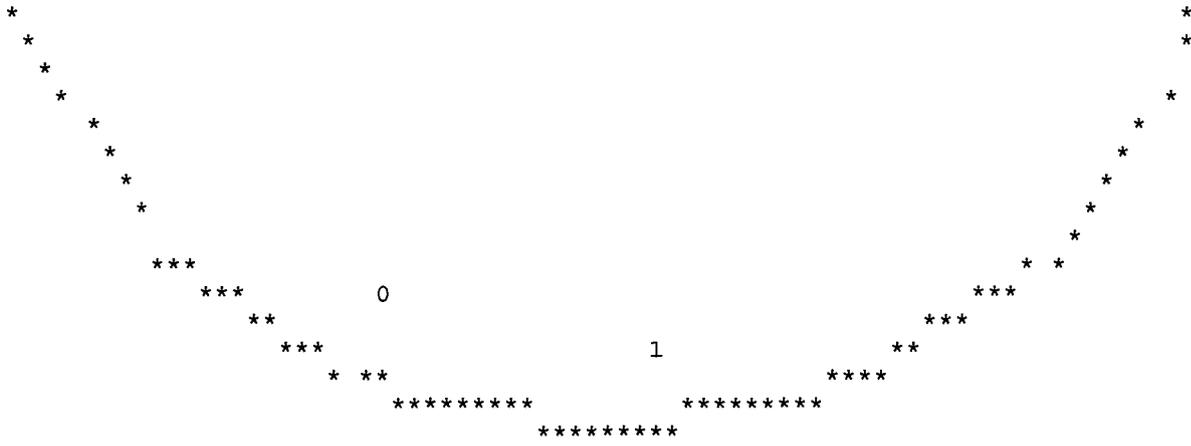


Prepared By: D. Mason  
Date: 3-July-2002

**STATE ACTIONS**  
**State Clearinghouse Coordinator**  
**116 State Capitol, SLC, UT 84114**  
**538-1535**

<b>1. Administering State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. State Application Identifier Number: (assigned by State Clearinghouse)</b>
<b>3. Approximate date project will start:</b> Upon Approval	
<b>4. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)</b>  Six County Association of Governments	
<b>5. Type of action:</b> // Lease /X/ Permit // License // Land Acquisition  // Land Sale // Land Exchange // Other _____	
<b>6. Title of proposed action:</b>  Application for Permit to Drill	
<b>7. Description:</b>  Texaco Exploration and Production Inc proposes to drill the Utah State 1-20 well (wildcat) on a Gas lease ML-48429, Juab County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>8. Land affected (site location map required) (indicate county)</b>  NE/4, NE/4, Section 20, Township 16 South, Range 1 West, Juab County, Utah	
<b>9. Has the local government(s) been contacted?</b> No	
<b>10. Possible significant impacts likely to occur:</b>  Degree of impact is based on the discovery of oil or gas in commercial quantities.	
<b>11. Name and phone of district representative from your agency near project site, if applicable:</b>	
<b>12. For further information, contact:</b>  Diana Mason Phone: (801) 538-5312	<b>13. Signature and title of authorized officer</b>  John R. Baza, Associate Director Date: July 3, 2002





UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	E
0	66 124	1.1140	.00	2	200		N	630	E	175	S4 20	16S	1W
		WATER USE(S): STOCKWATERING Funk, Alfred A. (et al)										PRIORITY DATE: 00/00/	
1	66 125	1.1140	.00	4	300		N	226	W	83	SE 20	16S	1W
		WATER USE(S): DOMESTIC STOCKWATERING Federal Land Bank of Berkeley, The										PRIORITY DATE: 00/00/	
													Oakland

---

# Facsimile Cover Sheet

**To:** Diana Mason  
**Company:** Utah Division of Oil, Gas and Mining  
**Phone:** (801) 538-5312  
**Fax:** (801) 359-3940

**From:** W. E. "Gene" Herrington  
**Company:** ChevronTexaco  
**Phone:** (281) 561-3815  
**Fax:** (281) 561-4874

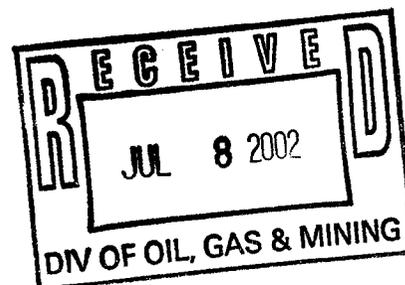
**Date:** July 8, 2002  
**Pages including this cover page:** Two (2)

Diana

Please accept the attached Release, executed by all surviving members of the Monroe Family, as the surface use agreement for the drilling of the State of Utah #20-1 well. The Monroe family owns 100% of the surface estate for this well which is located in the NE $\frac{1}{4}$  Section 20-16S-1W, Juab County, Utah. It is my understanding that this is the last documentation needed for the approval of the APD. Please issue the APD for this well at your earliest convenience.

Please call should you have any questions and thank you.

Gene Herrington



004

**RELEASE**

For the consideration of Four Thousand dollars and no/100's (\$4,000.00) cash in hand paid by Chevron U.S.A. Inc., (hereinafter referred to as "payor"), in compromise and without admission of liability, the undersigned does hereby release, acquit and forever discharge payor, its agents, employees, contractors and all other persons, firms and corporations from all claims, demands, actions and causes of action for all injuries and damages resulting or that may result from payor's operations concerning the surface disturbance on the wellsite location for the drilling, operating and producing the State of Utah #20-1 well and the Easement covering that certain tract of land out of the NE¼ Section 20, T16S, R1W, S.L.B.&M., Juab County, Utah more fully described as follows:

**EASEMENT**

A 50.00' wide Easement, 25.00' on each side, over the following described centerlines:

Beginning at a point on the south line of well site for the State of Utah #1-20 well, said point being 480.97' South and 4,709.95' East of the northwest corner of Section 20, T16S, R1W, S.L.B.&M., thence running South 161.07'; thence East 490.86'; thence S01°55'34"E, 1943.91' more or less to the north side of an existing county road.

**WELL PAD**

Beginning at a point on the northwest corner of the well site of the State of Utah #20-1, said point being 240.78' South and 4,628.11' East from the Northwest corner of Section 20, T16S-R1W, S.L.B.&M.; thence running East 168.00'; thence South 240.00'; thence West 168.00'; thence North 240.00' to the point of beginning and containing 0.927 acres, more or less.

AGREED AND ACCEPTED:

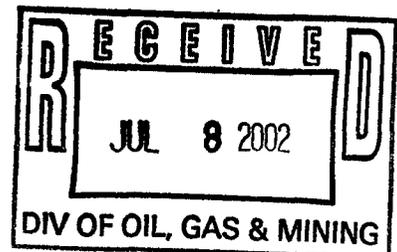
Jack I. Monroe  
Jack I. Monroe, Trustee

Jack I. Monroe  
Jack I. Monroe, as Executor of the  
Estate of Lola B. Monroe

Edith I. Monroe  
Edith I. Monroe, as Executrix of the  
Estate of Lola B. Monroe

Dix Leroy Monroe  
Dix Leroy Monroe

Neil O. Monroe



**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Texaco E&P Inc. (Chevron U.S.A. Inc. / Operator name change in progress)  
**WELL NAME & NUMBER:** Utah State 1-20 **API NUMBER:** 43-023-30019  
**LOCATION:** 1/4,1/4 NENE Sec: 20 TWP: 16 S RNG: 1 W 516 F N L 503 F E L

**Geology/Ground Water:**

A review of the water resources in this area revealed 2 water rights filed with the Division of Water Rights. The Goldens Ranch Formation is a conglomerate and sandstone which is only moderately permeable and the surface casing should be sufficient to protect any drinking water supplies in this area. There are no known USDW's in this part of the state that will be impacted by the drilling of this well. Geologically the location is on the Goldens Ranch Formation a deposit of conglomerate and sandstone light pink to light gray, the conglomerate is brown to dark brown.

**Reviewer:** K. Michael Hebertson/Lisha Cordova

**Date:** 8 July, 2002

**Surface:**

There are no known springs within one mile of this location. The site was photographed and characterized on 8 July, 2002. Provision were made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns, integrity of local infrastructure, groundwater, and other resources. Texaco (Chevron) will reclaim and reseed the disturbed area to its natural state as agreed upon with the Monroe Trust, this is in addition to the surface agreement (release) signed by the Monroe Trust (Jack Monroe, Edith Monroe, Dix Monroe). If the proposed test well is non productive, the Monroe Trust, may want to assume liability and convert it to a water well, if capable.

**Reviewer:** K. Michael Hebertson/Lisha Cordova

**Date:** 8 July, 2002

**Conditions of Approval/Application for Permit to Drill:**

- 1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.**

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Texaco E&P Inc. (Chevron U.S.A. Inc. / Operator name change in progress).  
**WELL NAME & NUMBER:** Utah State 1-20 **API NUMBER:** 43-023-30019  
**LEASE:** ML-48429 **FIELD/UNIT:** Wildcat  
**LOCATION:** 1/4,1/4 NENE Sec: 20 TWP: 16 S RNG: 1 W 516 F N L 503 F E L  
**LEGAL WELL SITING:** 460 From Qtr/Qtr and 920 From another well.  
**GPS COORD (UTM):** 418,765 E & 4,362,414 N **SURFACE OWNER:** Monroe Trust

**PARTICIPANTS:**

Mike Hebertson (DOGM), Lisha Cordova (DOGM), Allen Childs (Talon Resources Inc.) agent for Texaco E&P Inc. (Chevron). A SITLA representative (Ed Bonner) was invited to the presite but did not attend. The Monroe Trust (Jack Monroe, Edith Monroe, Dix Monroe) were invited to the presite but did not attend, however Mike, Lisha and Allen visited with Jack Monroe at his house in the town of Scipio. Mr. Monroe stated that he is in agreement with the proposed drilling program, and has executed a surface agreement (release) with Texaco (Chevron) for surface use and location rehabilitation.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

This location is in the center of the basin and range province west of the overthrust belt, in an area of up thrown mountains and downthrown valleys, Juab Valley being the predominate valley and the San Pitch mountains to the east are the predominate mountains. The local topography is low rolling hills with alluvium filled valleys.

**SURFACE USE PLAN:**

**CURRENT SURFACE USE:** Primary surface use is wildlife habitat and grazing.

**PROPOSED SURFACE DISTURBANCE:** 290 X 148

**LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:** There are no wells drilled within a mile of the proposed location.

**LOCATION OF PRODUCTION FACILITIES AND PIPELINES:** Production facilities and gathering lines will be installed if the well is a producer. Power and gathering lines will follow the proposed access road to the intersection with the Juab County road.

**SOURCE OF CONSTRUCTION MATERIAL:** Construction materials needed will be obtained locally and hauled to location on existing roads.

**ANCILLARY FACILITIES:** None

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into an approved interval via salt water disposal well. Used

oil from drilling operations and support is hauled to a used oil facility and reused.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Sagebrush, greasewood, and native grasses.

SOIL TYPE AND CHARACTERISTICS: A very fine clay with minor amounts of sand, tan in color.

EROSION/SEDIMENTATION/STABILITY: The location will be stable.

PALEONTOLOGICAL POTENTIAL: None observed, fee surface.

**RESERVE PIT:**

CHARACTERISTICS: 145 X 44 X 8

LINER REQUIREMENTS (Site Ranking Form attached): Minimum 12 mil. liner required.

**SURFACE RESTORATION/RECLAMATION PLAN:** As stated in the surface agreement with the Monroe Trust (Jack Monroe, Edith Monroe, Dix Monroe).

**SURFACE AGREEMENT:** DOGGM received a copy of the surface agreement (release) July 8, 2002.

**CULTURAL RESOURCES/ARCHAEOLOGY:** Not required, fee surface.

**OTHER OBSERVATIONS/COMMENTS:**

The wind blows mostly from the south/southwest direction. Surface soil removed from well pad will be stockpiled at the north end of the location, no more than 3-4 feet high. Spoil from pit will be stockpiled to the east of pit/location, no more than 3-4 feet high. Gravel will be placed on pad. In addition, the pad will be completely surrounded by a 5 foot mesh wire fence, access to location will be secured with a locked gate and cattle guard, and Texaco (Chevron) will reclaim and reseed the disturbed area to its' natural state as agreed upon with the Monroe Trust, this is in addition to the surface agreement (release) signed by the Monroe Trust (Jack Monroe, Edith Monroe, Dix Monroe). If the proposed test well is non productive, the Monroe Trust, may want to assume liability and convert it to a water well, if capable.

**ATTACHMENTS:**

Photographs of location and Water Rights, Point of Diversion, information.

K. Michael Hebertson & Lisha Cordova  
**DOGGM REPRESENTATIVE(S)**

8, July 2002  
**DATE/TIME**

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	5
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	
Native Soil Type		
Low permeability	0	5
Mod. permeability	10	
High permeability	20	
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	10
TDS >10000 or Oil Base Mud	15	
Fluid containing significant levels of hazardous constituents	20	
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	

**Final Score** (level II sensitivity)      **20**

Sensitivity Level I = 20 or more total containment is required.  
Sensitivity Level II = 15-19 lining is discretionary.  
Sensitivity Level III = below 15 no specific lining is required.





2002 7 8

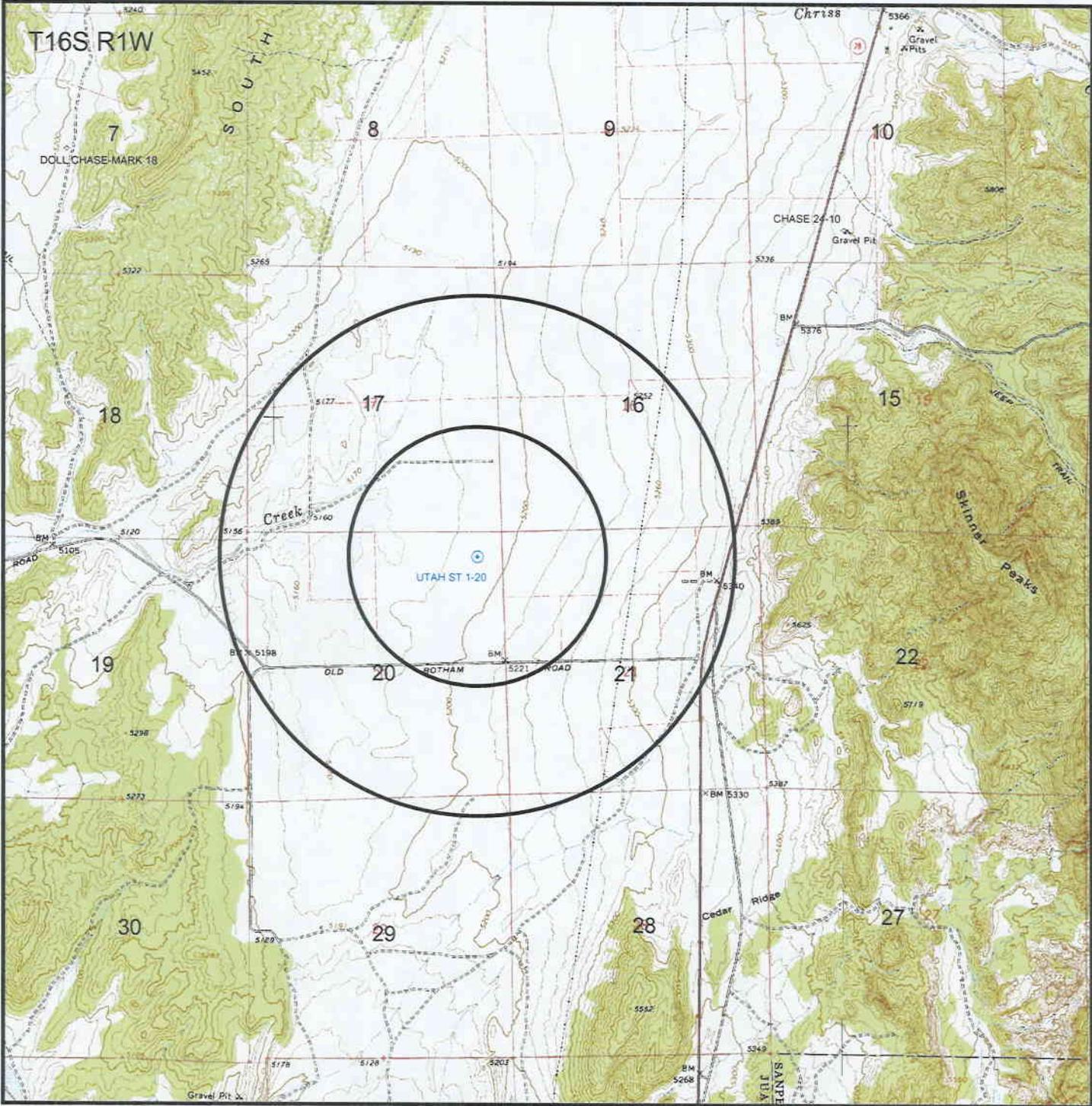


2002 7 8





OPERATOR: TEXACO E&P INC (N5700)  
SEC. 20, T16S, R1W  
FIELD: WILDCAT (001)  
COUNTY: JUAB SPACING: R649-3-2/GEN ST



Well name: **07-02 Texaco Utah State 1-20**  
 Operator: **Texaco E&P**  
 String type: **Surface**  
 Location: **Juab County, Utah**  
 Project ID: **43-023-30019**

**Design parameters:**

**Collapse**  
 Mud weight: 8.400 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.436 psi/ft  
 Calculated BHP: 131 psi  
 No backup mud specified.

**Minimum design factors:**

**Collapse:**  
 Design factor: 1.125

**Burst:**  
 Design factor: 1.00

**Tension:**  
 8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on air weight.  
 Neutral point: 262 ft

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 69 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 299 ft

Cement top: Surface

Non-directional string.

**Re subsequent strings:**

Next setting depth: 3,600 ft  
 Next mud weight: 8.400 ppg  
 Next setting BHP: 1,571 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 300 ft  
 Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	8.625	24.00	K-55	ST&C	300	300	7.972	14.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	131	1370	10.47	131	2950	22.54	7	263	36.54 J

↓  
BHP = 1572 psi

Prepared by: Dustin K. Doucet  
 Utah Dept. of Natural Resources

Phone: (801) 538-5281  
 FAX: (801) 359-3940

Date: July 23, 2002  
 Salt Lake City, Utah

N/A.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	07-02 Texaco Utah State 1-20		
Operator:	Texaco E&P	Project ID:	43-023-30019
String type:	Production		
Location:	Juab County, Utah		

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.436 psi/ft  
 Calculated BHP: 1,571 psi  
 No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on air weight.  
 Neutral point: 3,141 ft

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 115 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 1,458 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3600	5.5	17.00	N-80	LT&C	3600	3600	4.767	124.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1571	6290	4.00	1571	7740	4.93	61	348	5.69 J

Prepared by: Dustin K. Doucet  
 Utah Dept. of Natural Resources

Phone: (801) 538-5281  
 FAX: (801)359-3940

Date: July 23,2002  
 Salt Lake City, Utah

N/A.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Casing Schematic

Surface

Flagstaff

8-5/8"  
MW 8.4  
Frac 19.3

TOC @  
0.

Surface  
300. MD

w/25 g washout

1100'  
Northern

1500'  
Lower Northern

TOC @  
1458.

\* Cement Stop - Cement above top  
of Northern Horn ( $\pm 1000'$ )

BOP

BHP

$(0.052)(8.4)(3600) = 1572 \text{ psi}$

Anticipated  $\approx 1000 \text{ psi max}$

Gas

$(0.12)(3600) = 432 \text{ psi}$

MASP = 1140 psi

3M BOPE proposed

Adequate OKD 7/25/02

w/10 g washout

5-1/2"  
MW 8.4

Production  
3600. MD

2176'  
4226'

003

RECEIVED

JUL 18 2002

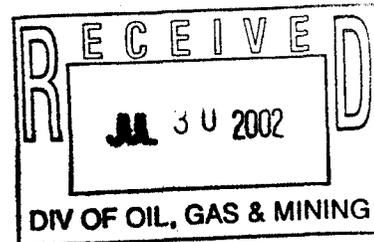
DESIGNATION OF OPERATOR

The undersigned is, on the records of the School and Institutional Trust Lands Administration, holder of lease, ML 48429:

and hereby designates

NAME: CHEVRON U.S.A. INC.

ADDRESS: P.O. Box 36366  
Houston, Texas 77236



as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Administration or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

Township 16 South, Range 1 West, SLM  
Section 20: NE $\frac{1}{4}$

Operator agrees to comply with all lease provisions, statutes, rules, and regulations, whether federal, state, or local, in its operations on the subject lease.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Trust Lands Administration or his representative.

The lessee agrees promptly to notify the Trust Lands Administration of any change in the designated operator.

WOLVERINE GAS AND OIL CORPORATION

(Signature of Lessee)

One Riverfront Plaza  
55 Campau NW, Grand Rapids, MI 49503

(Address)

7/17/02  
(Date)

07/26/02  
(Date)

(Signature of Operator)



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

August 5, 2002

Chevron USA, Inc.  
11111 Wilcrest Drive  
Houston, TX 77099

Re: Utah State 1-20 Well, 516' FNL, 503' FEL, NE NE, Sec. 20, T. 16 South, R. 1 West,  
Juab County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-023-30019.

Sincerely,

(for)

John R. Baza  
Associate Director

pb

Enclosures

cc: Juab County Assessor  
SITLA

Operator: Chevron USA, Inc.

Well Name & Number Utah State 1-20

API Number: 43-023-30019

Lease: ML-48429

Location: NE NE Sec. 20 T. 16 South R. 1 West

### Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. There have been no RDCC comments received as of permit date.

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

8. Production casing shall be cemented above the top of the North Horn Formation (1000').

T/BS ROW REC-20  
43-023-30019

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UTAH STATE

**ChevronTexaco WILLIAMS PEAK STATE OF UTAH 1-20 Drilling Activity Report** Version 5

Measured Depth:		TVD:		PBTD:		Proposed MD:		Proposed TVD:		3,600'		3,600'	
DOL: 1		DFS:		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs:		0.0	
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		ECD	
Last Casing Size:		Set At:		TVD		Shoe Test:		Leakoff?		<input type="checkbox"/>		N <input type="checkbox"/>	
Cum Rot Hrs on Casing:		Cum Rot Hrs on Casing Since Last Caliper:		Whipstock Set @:		KOP:							
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD			
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:	
Gel:													
WL API:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:	
MBT:		pH:											
Pm:		Pf/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:	
% DS/Bent:													
Engr Service		Materials added last		24 hrs:									
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit No.		IADC		Size		Manufacturer		Serial Number		Type		Jets	
TFA		MD In		MD Out		TVD Out							
Feet		Hours		WOB		RPM		I-Row		O-Row		DC	
Loc		B		G		Char		?Pull		Cost/Ft			
Total Length of BHA:		BHA Description:											
DC Size:		DP Size:		Hours On Jars:		Hrs Since Last Inspection:							
Bit		Liner		Stroke		BBL/STK		SPM		Pressure		GPM	
Jet Vel		DP AV		DC AV		Bit HHP		BHHP/SQ. IN.		Pump HHP			
Survey MD		Angle		Direction		TVD		N/S Coordinate		E/W Coordinate		Vertical Section	
DLS													
Hrs.		(From -To) hh:mm		Operations Covering 24 Hours Ending at Midnight									
8:00		0:00 - 08:00		RIG DOWN & WAIT ON TRUCKS									
14:00		8:00 - 22:00		RIG MOVE 100% & RIG UP									
2:00		22:00 - 24:00		RIG UP 80%									
24 hr Summary:													
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETIN W/ ALL CREWS													
Operations @ 0500 Hrs:													
SAFETY; DAYS:		17		EVEN:									
Incident Hours:		Safety Mtgs:		3		Safety Hrs, Rig:		144		Safety Hrs, Others:		124	
Accidents:													
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative)		3		Safety Hrs, Rig: (Cumulative)		144		Safety Hrs, Others: (Cumulative)		124	
Accidents: (Cumulative)													
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost:		\$70,206		WBS Element No. (Drig)		UWDCBE2002DRL			
Cum Mud Cost:		Cum Tangible Cost:		Cum Drilling Cost:		\$70,206		WBS Element No. (Comp)					
Daily Comp Cost		Cum Completion Cost		\$0		Cum Well Cost		\$70,206		Total Appr:		\$ 307,400	
Daily Water Cost:		\$1,000		Cum. Water Cost:		\$1,000		Fuel:		200 GAL		Bulk Wt:	
ChevronTexaco		0		API Number:		43-023-30019							
Profit Center:		MCBU		Rig:		SAUER RIG 30		Rig Phone:		435 749-0958		Drilling Rep:	
HACK BLANKENSHIP													
Field:		WILLIAMS PEAK		Lease:		STATE of UTAH		Well #:		1-20		Date:	
02-Sep-02													

Daily Cost Estimate

Version 5

Chevron

			CAPITAL			EXPENSE		
			WBS#:	UWDCBE2002DRL		WBS#:	0	
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork			0	0		0	0
74400002	Rig - Footage / Turnkey	BILL JR	34,997	34,997	34,997		0	0
71290100	Fuel - Diesel / Motor Fuels			0	0		0	0
71290300	Utilities - Other (potable water)	NIELSONS	1,000	1,000	1,000		0	0
74400003	Rig Up / Rig Down	HENDERSON	13,500	13,500	13,500		0	0
	<b>Rig Costs Total</b>			<b>49,497</b>	<b>49,497</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS	800	800	800		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	1,300		0	0
	<b>Supervision Total</b>			<b>2,100</b>	<b>2,100</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids		0	0	0			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper)			0	0		0	0
74500100	Contract Equip. & Serv. (w/ Oper)			0	0		0	0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud			0	0		0	0
	<b>Formation Evaluation Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing			0	0		0	0
71900100	Well Equipment / Materials			0	0		0	0
71900110	Wellhead							
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	BIG 4	14,635	14,635	14,635		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		3,974	3,974	3,974		0	0
	<b>Total Field Estimate (Daily)</b>			<b>70,206</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>70,206</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	1							
Rig:	SAUER RIG 30			Prepared By: HACK BLANKENSHIP				
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/02/2002	

**Chevron** WILLIAMS PEAK STATE of UTAH 1-20 **Daily Mud Report** Version 4.1

Spud Date:		MD (ft):		TVD:		Present Activity:					
Contractor:			Rig: SAUER RIG 30			Report Number: 1					
Drilling Mud Supplier				Report For Contract Supervisor:							
MUD VOLUME (BBL)											
Hole: w/ DP		Hole: w/o DP		Pits:		Total Circ. Vol.:		Storage:		Type:	
CIRCULATING DATA											
Bbl/Min:		Gal/Min:		Annual Vel. (Ft./Min)		DP:		DC:			
Circulation Pressure (PSI):			Bottoms Up Time (Min):			Total Circ. Time (Min.):					
Current Mud Properties			Data in Column on Right is From Drig Activity Report			Mud Property Specifications					
Sample From						Wt:		Viscosity:		Filtrate:	
Time Sample Taken						Mud Contains		Recommended Treatment			
Flowline Temperature (Deg. F)											
Depth (ft)											
Weight (ppg)											
Funnel Vis.(sec./qt.) API			Deg. F								
Plastic Viscosity cp @			Deg. F								
Yield Point (lb/100 sq. ft.)											
Gel Strength (lb/100 sq. ft.) 10 sec/10 min.											
Filtrate API (cc/30 min.)											
HTHP @			Deg. F PSI								
Cake Thickness (32nd in API/HTHP)											
Solids Content (% by vol.) Retort											
Oil Content (% by vol.) Retort											
Water Content (% by vol.) Retort											
Sand Content (% by vol.)											
Methylene Blue Capacity (lb/bbl. equiv.)											
PH Meter @			Deg. F			EQUIPMENT				Cost Data	
Alkalinity Mud (Pm)						Size		Hrs/Tour			
Alkalinity Filtrate (pf/Mf)						Centrifuge				Daily Cost: \$0	
Carbonate Determination (mg/1000 cc)						Degasser					
Chloride (mg/1000 cc)						Desander				Cumulative: \$0	
Calcium (mg/1000 cc) /Mag (mg/1000 cc)						Desilter					
Bentonite (lb/bbl.)						Shaker					
Solids % High Gravity / % Low Gravity						Other					
Solids % Drill Solids / % Bentonite						Other					
Corrected Solids/Corrected Saltwater						Other					
Remarks:											
Drilling Fluids Rep.:			Home Address:				Phone:				
Mud or Consulting Co.:			Warehouse Location:				Phone:				
Mud Chemical Inventory											
Units											
Cost/Unit											
Description											
Starting Inventory											
Received											
Used Last 24 Hours											
Closing Inventory										0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Time Distribution:		Drilling:		Trip:		CCM:		Other:			
Circulating Information: n: #VALUE! K: ##### Type of Flow: ECD:											
Profit Center: MCBU			WBS: UWDCBE2002DRL			Drilling Rep: HACK BLANKENSHIP					
Field: WILLIAMS PEAK		Lease: STATE of UTAH		Well No.: 1-20		Date: 02-Sep-02					

T16S R 01W EC-20  
43-023-30019

CONFIDENTIAL

009

UTAH STATE  
STATE OF UTAH 1-20

**ChevronTexaco WILLIAMS PEAK Drilling Activity Report** Version 5

Measured Depth: 783'		TVD: 783'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 3		DFS: 2		Spud Date: 03-Sep-02		Daily Footage: 310'		Daily Rot Hrs: 2.5		Total Rot Hrs: 6.0		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 6.0		Cum Rot Hrs on Casing Since Last Caliper: 6.0		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 8.5		FV: 39.0		PV: 10.0		
Yp: 8.0		Gel: 0.6		WL API: 14.0		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 1.0		% Oil: 0.0		
% Water: 9.9		% Sand: 0.3		MBT:		pH: 9.5						
Pm:		Pf/Mf: 4/45		Carb:		Cl: 150.0		Ca/Mg: 60.0		Bent:		
Solids % HG/LG:		% DS/Bent:		Engr Service: 1		Materials added last 24 hrs: POLY PLUS-2		CEDAR FIBER-7		MAXISEAL-1		
TRAILER RENTAL-1												
Drig Gas:		Max Gas: 45		Conn. Gas:		Trip Gas: N/A		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
1RT	117	12 1/4	HTC	H82JM	MX-1	12	12	12	0.3313	203'	473'	473'
2	116	7 7/8	REED	LB666	HP11	12	12	12	0.3313	473'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
310'	2.50	18-20	110									
Total Length of BHA: 400' BHA Description: BIT-BS-14 DC-XO												
						DC Size: 6	DP Size: 4	Hours On Jars: 2.5	Hrs Since Last Inspection: 49.5			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
1RT	6	16	0.145	58	1,100	353	341	65	76	183	1.56	227
2	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section	DLS	
534		0.5										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
3:00	0:00 - 03:00	WAIT ON CEMENT										
4:30	3:00 - 07:30	CUT OFF CONDUCTOR & WELD ON 11" x 3000 PSI CASING HEAD										
0:30	7:30 - 08:00	RIG SERVICE										
3:30	8:00 - 11:30	N/U BOP & CHOKE MANIFOLD										
5:00	11:30 - 16:30	TEST VALVES, KELLY, BOP & CHOKE MANIFOLD W/2000 PSI HIGH, 250 PSI LOW, TEST ANNULAR & CASING										
		1000 PSI HIGH & 250 PSI LOW										
1:00	16:30 - 17:30	TIH W/ BIT # 2										
0:30	17:30 - 18:00	TAG @ 420, DRILL INSERT & CEMENT TO 440', PLUGGED BIT										
1:00	18:00 - 19:00	TOOH										
1:30	19:00 - 20:30	UNPLUG JET NOZZLES & TIH										
1:00	20:30 - 21:30	DRILL CEMENT & SHOE F/ 440' TO 460' FORMATION F/ 460' TO 534'										
0:30	21:30 - 22:00	SURVEY @ 1031' = 1/2 DEGREE										
2:00	22:00 - 24:00	DRILL F/ 534' TO 783'										
24 hr Summary: WOC, WELD CSG HEAD, TEST BOP, DRILL, TRIP, DRILL, SURVEY												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: DRILL @1150' W/ 20K WOB, 110 RPM - LAST SURVEY @ 1031' = 9 DEGREE												
19 EVEN:												
Incident Hours:			Safety Mtgs: 4		Safety Hrs, Rig: 144		Safety Hrs, Others: 80		Accidents:			
Incident Hours: (Cumulative)			Safety Mtgs: (Cumulative) 11		Safety Hrs, Rig: (Cumulative) 432		Safety Hrs, Others: (Cumulative) 277		Accidents: (Cumulative) -			
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost:		\$13,977		WBS Element No. (Drig) UWDCBE2002DRL				
Cum Mud Cost:		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$113,606				WBS Element No. (Comp)				
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$113,606				Total Appr: \$ 307,400				
Daily Water Cost: \$500		Cum. Water Cost: \$2,500		Fuel: 300		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU			Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP					
Field: WILLIAMS PEAK			Lease: STATE OF UTAH			Well #: 1-20		Date: 04-Sep-02				

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#:	UWDCBE2002DRL		WBS #:	0	
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	15,400		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	294	294	882		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	2,500		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,494</b>	<b>67,279</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS		0	1,600		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	3,900		0	0
	<b>Supervision Total</b>			<b>1,300</b>	<b>5,500</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	523	523	1,627			
				0	0			0
				0	0			0
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>523</b>	<b>1,627</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	600		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Op	DOUBLE JACK BOP TEST	1,669	1,669	5,647		0	0
					0			0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunciations 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>1,869</b>	<b>6,247</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	1,000		0	0
	<b>Formation Evaluation Total</b>			<b>1,000</b>	<b>1,000</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		791	791	6,419		0	0
	<b>Total Field Estimate (Daily)</b>			<b>13,977</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>113,606</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location: 3			<b>Original Appropriations</b>					
			<b>Total Appropriated</b>					
Rig:	SAUER RIG 30		Prepared By:		HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/04/2002	

T16S R01W SEC 28  
43-023-3001

CONFIDENTIAL

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UTAH STATE

ChevronTexaco WILLIAMS PEAK STATE OF UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 473'		TVD: 473'		PBTD:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 2	DFS: 1	Spud Date: 03-Sep-02		Daily Footage: 473'		Daily Rot Hrs: 3.5		Total Rot Hrs: 3.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt:	Last BOP Test:		ECD: 9.158					
Last Casing Size: 14"		Set At: 190'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 3.5		Cum Rot Hrs on Casing Since Last Caliper: 3.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI	Type: GEL	Sample From: PIT		Wt: 9.0	FV: 46.0	PV: 11.0	YP: 13.0	Gel: 0.4				
WL API: 27.0	HTHP:	FC(1/32) API/HTHP: 2.0	Solids: 3.5	% Oil: 0.0	% Water: 9.6	% Sand: 0.5	MBT:	pH: 10.0				
Pm:	Pf/Mf: .1/25	Carb:	Cl: 150.0	Ca/Mg: 80.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service: 2	Materials added last 24 hrs: GEL-87		POLYPLUS-1		CAUSTIC-1		SODA ASH-2					
S WRAP-1 TRAILER RENT-1												
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
1RT	117	12 1/4	HTC	H82JM	MX-1	12	12	12	0.3313	203'	473'	473'
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
270'	3.50	20	100	4	4	WT	A	F	1/16		TD	
Total Length of BHA:		BHA Description:										
		DC Size: 6		DP Size: 4		Hours On Jars:		Hrs Since Last Inspection: 47.0				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
1RT	6	16	0.145	58	1,100	353	341	65	76	194	1.65	227
	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
3:00	0:00 - 03:00	CONTINUE RIG UP & MIX SPUD MUD										
2:00	3:00 - 05:00	CUT & WELD CONDUCTOR PIPE										
2:00	5:00 - 07:00	STRAP & PICK UP BHA ASSY										
4:30	7:00 - 11:30	INSTALL NEW SPOOL OF DRILLING LINE & RESTRING BLOCKS										
1:00	11:30 - 12:30	TIH & TAG @ 203'										
3:30	12:30 - 16:00	DRILL F/ 203' TO 473', OUT OF SAND & GRVEL @ 440', DRILL SHALE FROM 440 TO 473'										
0:30	16:00 - 16:30	CIRCULATE & PUMP HIGH VIS SWEEP										
1:00	16:30 - 17:30	TOOH W/ BIT # 1,										
3:00	17:30 - 20:30	SAFETY MEETING, R/U CASING CREW & TIH W/ 11 JTS 8-5/8" 24#, K55 STC CSG, SHOE @ 459' INSERT @ 420'										
2:30	20:30 - 23:00	SAFETY MEETING, R/U DOWELL, TEST LINES, CEMENT W/ 327 SKS "G" 15.8#/GAL, CEMENT TO SURFACE & DROP CEMENT TOP JOB W/ 50 SKS "G", 3 BBL CIRCULATED TO RESERVE PIT										
1:00	23:00 - 24:00	WAIT ON CEMENT										
24 hr Summary:												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: WELD BRADEN HEAD												
18 EVEN:												
Incident Hours:		Safety Mtgs: 4		Safety Hrs, Rig: 144		Safety Hrs, Others: 73		Accidents:				
Incident Hours (Cumulative): -		Safety Mtgs (Cumulative): 7		Safety Hrs, Rig (Cumulative): 288		Safety Hrs, Others (Cumulative): 197		Accidents (Cumulative): -				
Daily Mud Cost:		Daily Tangible Cost: \$5,012		Daily Drilling Cost: \$64,220		WBS Element No. (Drig): UWDCBE2002DRL						
Cum Mud Cost:		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$99,629		WBS Element No. (Comp):						
Daily Comp Cost:		Cum Completion Cost: \$0		Cum Well Cost: \$99,629		Total Appr: \$ 307,400						
Daily Water Cost: \$1,000		Cum. Water Cost: \$2,000		Fuel: 400GAL		Bulk Wt:		ChevronTexaco: 0		API Number: 43-023-30019		
Profit Center: MCBU		Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP						
Field: WILLIAMS PEAK		Lease: STATE OF UTAH		Well #: 1-20		Date: 03-Sep-02						

Daily Cost Estimate

Version 5

Chevron

			CAPITAL			EXPENSE		
			WBS#:	UWDCBE2002DRL		WBS#:	0	
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	7,700		0	0
74400002	Rig - Footage / Turnkey	BILL JR		34,997	34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	588	588	588		0	0
71290300	Utilities - Other (potable water)	NIELSONS	1,000	1,000	2,000		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>44,285</b>	<b>58,785</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS	800	800	1,600		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	2,600		0	0
	<b>Supervision Total</b>			<b>2,100</b>	<b>4,200</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	1,104	1,104	1,104			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>1,104</b>	<b>1,104</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	400		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Op	FRANKS CSG CREW	3,978	3,978	3,978		0	0
					0			
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>4,178</b>	<b>4,378</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud			0	0		0	0
	<b>Formation Evaluation Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE	4,486	4,486	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT	526	526	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>5,012</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL	5,887	5,887	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		1,654	1,654	5,628		0	0
	<b>Total Field Estimate (Daily)</b>			<b>64,220</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>99,629</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	2			<b>Original Appropriations</b>				
				<b>Total Appropriated</b>				
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/03/2002	

T/BS ROW SEC-28  
43-023-30019

CONFIDENTIAL

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**ChevronTexaco WILLIAMS PEAK** **UTAH STATE** **STATE of UTAH** 1-20 **Drilling Activity Report** Version 5

Measured Depth: 1,858'		TVD: 1,858'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 4	DFS: 3	Spud Date: 03-Sep-02		Daily Footage: 1,075'		Daily Rot Hrs: 20.5		Total Rot Hrs: 26.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt.	Last BOP Test:		EOD: 9.109					
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 26.5		Cum Rot Hrs on Casing Since Last Caliper: 26.5		Whipstock Set @:		KOP:						
Liner Size:		Set At:		TVD		Liner Top At:		MD TVD				
Mud Co: MI	Type: GEL		Sample From: PIT		Wt: 9.0	FV: 45.0	PV: 12.0	YP: 9.0	Gel: 0.4			
WL API: 7.8	HTHP:	FC(1/32) API/HTHP: 2.0		Solids: 3.5	% Oil: 0.0	% Water: 9.6	% Sand: 0.3	MBT:	pH: 9.0			
Pm:	Pf/Mf: .5/3	Carb:	Cl: 150.0	Ca/Mg: 60.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service: 1	Materials added last 24 hrs:		GEL-11		POLYPAC-7		POLYPLUS-4		SODA ASH-1			
BICARB-2		SAPP-1		TRAILER RENTAL-1								
Drig Gas:		Max Gas: 38		Conn. Gas:		Trip Gas: N/A		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets		TFA	MD In	MD Out	TVD Out	
1RT	117	12 1/4	HTC	H82JM	MX-1	12	12	12	0.3313	203'	473'	473'
2	116	7 7/8	REED	LB666	HP11	12	12	12	0.3313	473'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,385'	23.00	20-25	110	4	4	WT	A	E	I		PR	
Total Length of BHA: 400'		BHA Description: BIT-BS-14 DC-XO										
				DC Size: 6		DP Size: 4		Hours On Jars: 23.0		Hrs Since Last Inspection: 70.0		
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
1RT	6	16	0.145	58	1,100	353	341	65	76	194	1.65	227
2	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
2:30	0:00 - 02:30	DRILL F/ 783' TO 1031'										
1:00	2:30 - 03:30	SURVEY @ 1031' OFF 7 DEGREE CHART, SURVEY W/ 14 DEGREE = 9 DEGREE										
5:30	3:30 - 09:00	DRILL F/ 1031' TO 1373' W/ 20K WOB & 110 RPM, SURVEY @ 1343 = 8 DEGREE										
3:00	9:00 - 12:00	DRILL F/ 1393' TO 1559' & SURVEY @ 1523' = 8 DEGREE										
5:30	12:00 - 17:30	DRILL F/ 1559' TO 1746' W/ 25K WOB & 110 RPM, SURVEY @ 1711' = 12 DEGREE										
5:00	17:30 - 22:30	DRILL F/ 1746' TO 1838' W/ 20K WOB & 120 RPM, SURVEY @ 1838' = 12 DEGREE										
1:00	22:30 - 23:30	DRILL F/ 1838' TO 1858' W/ 20K WOB & 120 RPM										
0:30	23:30 - 24:00	TOOH W/ BIT # 2										
24 hr Summary: DRILL SURVEYS, TOOH												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: TIH @ 1840', TIGHT @ 1425'												
20 EVEN:												
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 88		Accidents:				
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative) 13		Safety Hrs, Rig: (Cumulative) 576		Safety Hrs, Others: (Cumulative) 365		Accidents: (Cumulative) -				
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$15,808		WBS Element No. (Drig) UWDCBE2002DRL						
Cum Mud Cost:		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$130,414		WBS Element No. (Comp)						
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$130,414		Total Appr: \$ 307,400						
Daily Water Cost: \$500		Cum. Water Cost: \$3,000		Fuel: 300		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU		Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP						
Field: WILLIAMS PEAK		Lease: STATE of UTAH		Well #: 1-20		Date: 05-Sep-02						

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

Chevron			CAPITAL			EXPENSE		
			WBS#: UWDCBE2002DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	23,100		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	1,274		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	3,000		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,592</b>	<b>75,871</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS		0	1,600		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	6,500		0	0
	<b>Supervision Total</b>			<b>1,300</b>	<b>6,800</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	1,621	1,621	3,248			
				0	0			0
				0	0			0
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>1,621</b>	<b>3,248</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1	2,200	2,200	2,200		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	1,000		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Oper)			0	5,647		0	0
					0			0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comuncations 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>2,400</b>	<b>8,647</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring			0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	3,000		0	0
	<b>Formation Evaluation Total</b>			<b>1,000</b>	<b>3,000</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations			0	0		0	0
94100700	Capitalized G&A		895	895	7,314		0	0
	<b>Total Field Estimate (Daily)</b>			<b>15,808</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>130,414</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	4							
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE OF UTAH	Well No.:	1-20	Date THRU:	09/05/2002	

012

T163 ROW SEC  
43-023-30019

CONFIDENTIAL

ChevronTexaco WILLIAMS PEAK

UTAH STATE  
STATE OF UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 1,993'		TVD: 1,993'		PBTD:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 5		DFS: 4		Spud Date: 03-Sep-02		Daily Footage: 135'		Daily Rot Hrs: 5.0		Total Rot Hrs: 31.5		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt:		Last BOP Test: 09/03/2002		
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 31.5		Cum Rot Hrs on Casing Since Last Caliper: 31.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 9.0		FV: 43.0		PV: 12.0		
WL API: 8.0		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 3.5		% Oil: 0.0		% Water: 9.6		% Sand: 0.3		
Pm:		Pf/Mf: .5/1		Carb: Cl: 150.0		Ca/Mg: 60.0		Bent:		Solids % HG/LG:		
Engr Service 1		Materials added last 24 hrs: GEL-1		POLYPAC-3		POLYPLUS-2		TRAILER-1				
Drig Gas: 25-30		Max Gas: 34		Conn. Gas: N/A		Trip Gas: N/A		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
2	116	7 7/8	REED	LB666	HP11	12	12	12	0.3313	473'	1,858'	
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,385'	23.00	20-25	110	4	4	WT	A	E	I		PR	
Total Length of BHA:		BHA Description:										
		DC Size: 6		DP Size: 4		Hours On Jars: 28.0		Hrs Since Last Inspection: 75.0				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
2	6	16	0.145	58	1,100	353	341	188	333	194	3.99	227
3	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section		DLS
1,990'		12.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
2:30	0:00 - 02:30	TOOH W/ BIT # 2, DRAG 10-20K										
2:30	2:30 - 05:00	M/U BIT # 3, P/U 2 DC & TIH, TIGHT @ 1425'										
5:00	5:00 - 10:00	DRILL F/ 1858' TO 1993' W/ 20K WOB & 110 RPM										
1:00	10:00 - 11:00	CIRCULATE SAMPLE										
2:30	11:00 - 13:30	DROP SURVEY & TOOH W/ BIT # 3 SURVEY @ 1990' = 12 DEGREE										
0:30	13:30 - 14:00	RIG SERVICE										
1:30	14:00 - 15:30	SAFETY MEETING, P/U CORE BBL, JARS, & TIH TAG TIGHT HOLE @ 1620'										
3:30	15:30 - 19:00	REAM F/ 1620' TO 1987'										
1:30	19:00 - 20:30	SPACE OUT W/ PUP JOINTS & ATTEMPT TO CORE, 8K ON BIT, NO PENETRATION, (4" IN 40 MIN)										
3:00	20:30 - 23:30	TOOH W/ CORE BBL (BIT BALLED UP)										
0:30	23:30 - 24:00	M/U CORE BIT & TIH										
24 hr Summary:												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: CORING W/ CORE # 1												
21 EVEN:												
Incident Hours:			Safety Mtgs: 3		Safety Hrs, Rig: 144			Safety Hrs, Others: 180		Accidents:		
Incident Hours: (Cumulative)			Safety Mtgs: (Cumulative) 16		Safety Hrs, Rig: (Cumulative) 720			Safety Hrs, Others: (Cumulative) 545		Accidents: (Cumulative) -		
Daily Mud Cost:		Daily Tangible Cost:			Daily Drilling Cost: \$40,274			WBS Element No. (Drig) UWDCBE2002DRL				
Cum Mud Cost:		Cum Tangible Cost: \$5,012			Cum Drilling Cost: \$164,940			WBS Element No. (Comp)				
Daily Comp Cost:		Cum Completion Cost \$0			Cum Well Cost \$164,940			Total Appr: \$ 307,400				
Daily Water Cost: \$500		Cum. Water Cost: \$3,500		Fuel: 300		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU			Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP					
Field: WILLIAMS PEAK			Lease: STATE of UTAH			Well #: 1-20		Date: 06-Sep-02				

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#:	UWDCBE2002DRL		WBS #:	0	
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	30,800		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	294	294	1,568		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	3,500		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,494</b>	<b>84,365</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS	500	500	2,100		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	7,800		0	0
	<b>Supervision Total</b>			<b>1,800</b>	<b>9,400</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	850	850	4,098			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>850</b>	<b>4,098</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1		7,650	9,850		0	0
		7-7/8" HTC EP4950	7,650					
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	1,200		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Op	TERRATECH		0	5,647		0	0
					0			
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>7,850</b>	<b>9,047</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ		0	0		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	5,000		0	0
	<b>Formation Evaluation Total</b>			<b>1,000</b>	<b>5,000</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST	18,000	18,000	18,000		0	0
94100700	Capitalized G&A		2,280	2,280	9,496		0	0
	<b>Total Field Estimate (Daily)</b>			<b>40,274</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>164,940</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	5			<b>Original Appropriations</b>				
				<b>Total Appropriated</b>				
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/06/2002	

DIVISION OF OIL, GAS AND MINING

013

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: ML-48429
2. Name of Operator: ChevronTexaco	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 11111 S. Wilcrest Drive, Houston, Texas 77099 281-561-4860	7. Unit Agreement Name: N/A
4. Location of Well Footages: 516' FNL, 503' FEL QQ, Sec., T., R., M.: NE/4 NE/4, Section 20, T16S, R1W, SLB&M	8. Well Name and Number: Utah State 1-20
	9. API Well Number: 43-023-30019
	10. Field or Pool, or Wildcat: Wildcat
	County: Juab State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Weekly Drilling Reports</u> Date of work completion _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached please find the weekly drilling report for the Utah State 1-20.

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DIVISION OF OIL, GAS AND MINING

13.

Name & Signature: Don Hamilton *Don Hamilton* Title: Agent for ChevronTexaco Date: 9/4/02

(This space for state use only)

ORIGINAL

Measured Depth:		TVD:		PBDT:		Proposed MD:		Proposed TVD:		3,600'		3,600'	
DOL: 1		DFS:		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs:		0.0	
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		ECD	
Last Casing Size:		Set At:		TVD		Shoe Test:		Leakoff?		<input type="checkbox"/>		N <input type="checkbox"/>	
Cum Rot Hrs on Casing:		Cum Rot Hrs on Casing Since Last Caliper:		Whipstock Set @:		KOP:							
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD			
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:	
Gel:													
WL APt:		HTHP:		FC(1/32) API/HTHP:		Solids:		% Oil:		% Water:		% Sand:	
MBT:		pH:											
Pm:		P/Mf:		Carb:		Cl:		Ca/Mg:		Bent:		Solids % HG/LG:	
% DS/Bent:													
Engr Service		Materials added last		24 hrs:									
Drlg Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets		TFA	MD In	MD Out	TVD Out		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft	
Total Length of BHA:		BHA Description:											
DC Size:		DP Size:		Hours On Jars:		Hrs Since Last Inspection:							
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
Survey MD	Angle	Direction	TVD	N/S Coordinate	E/W Coordinate	Vertical Section	DLS						
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight											
8:00	0:00 - 08:00	RIG DOWN & WAIT ON TRUCKS											
14:00	8:00 - 22:00	RIG MOVE 100% & RIG UP											
2:00	22:00 - 24:00	RIG UP 80%											
-	-	-											
-	-	-											
-	-	-											
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DIVISION OF OIL, GAS AND MINING

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24 hr Summary:					
<b>NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETIN W/ ALL CREWS</b>					
Operations @ 0500 Hrs:					
SAFETY; DAYS: 17		EVEN:			
Incident Hours:	Safety Mtgs: 3	Safety Hrs, Rig: 144	Safety Hrs, Others: 124	Accidents:	
Incident Hours: (Cumulative)	Safety Mtgs: (Cumulative) 3	Safety Hrs, Rig: (Cumulative) 144	Safety Hrs, Others: (Cumulative) 124	Accidents: (Cumulative) -	
			WBS Element No. (Drig) UWDCBE2002DRL		
			WBS Element No. (Comp)		
		Fuel: 200 GAL	Bulk Wt:	ChevronTexaco 0	API Number:
Profit Center: MCBU	Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP		
Field: WILLIAMS PEAK	Lease: STATE of UTAH	Well #: 1-20	Date: 2-Sep-02		

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DIVISION OF  
OIL, GAS AND MINING

ChevronTexac WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 473'		TVD: 473'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 2		DFS: 1		Spud Date: 3-Sep-02		Daily Footage: 473'		Daily Rot Hrs: 3.5		Total Rot Hrs: 3.5		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test: ECD 9.158		
Last Casing Size: 14"		Set At: 190'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 3.5		Cum Rot Hrs on Casing Since Last Caliper: 3.5		Whipstock Set @:		KOP:						
Liner Size: Set At: TVD		Liner Top At: MD		TVD								
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 9.0		FV: 46.0		PV: 11.0		
Yp: 13.0		Gel: 0.4		WL API: 27.0		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 3.5		% Oil: 0.0		
% Water: 9.6		% Sand: 0.5		MBT:		pH: 10.0						
Pm:		P/Mf: 1/25		Carb: Cl: 150.0		Ca/Mg: 80.0		Bent:		Solids % HG/LG:		
% DS/Bent:												
Engr Service: 2		Materials added last 24 hrs:		GEL-87		POLYPLUS-1		CAUSTIC-1		SODA ASH-2		
S WRAP-1		TRAILER RENT-1										
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
1RT	117	12 1/4	HTC	H82JM	MX-1	12	12	12	0.3313	203'	473'	473'
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
270'	3.50	20	100	4	4	WT	A	F	1/16		TD	
Total Length of BHA:		BHA Description:										
		DC Size: 6		DP Size: 4		Hours On Jars:		Hrs Since Last Inspection: 47.0				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
1RT	6	16	0.145	58	1,100	353	341	65	76	194	1.65	227
	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
3:00	0:00 - 03:00	CONTINUE RIG UP & MIX SPUD MUD										
2:00	3:00 - 05:00	CUT & WELD CONDUCTOR PIPE										
2:00	5:00 - 07:00	STRAP & PICK UP BHA ASSY										
4:30	7:00 - 11:30	INSTALL NEW SPOOL OF DRILLING LINE & RESTRING BLOCKS										
1:00	11:30 - 12:30	TIH & TAG @ 203'										
3:30	12:30 - 16:00	DRILL F/ 203' TO 473', OUT OF SAND & GRVEL @ 440', DRILL SHALE FROM 440 TO 473'										
0:30	16:00 - 16:30	CIRCULATE & PUMP HIGH VIS SWEEP										
1:00	16:30 - 17:30	TOOH W/ BIT # 1,										
3:00	17:30 - 20:30	SAFETY MEETING, R/U CASING CREW & TIH W/ 11 JTS 8-5/8" 24#, K55 STC CSG, SHOE @ 459' INSERT @ 420'										
2:30	20:30 - 23:00	SAFETY MEETING, R/U DOWELL, TEST LINES, CEMENT W/ 327 SKS "G" 15.8#/GAL, CEMENT TO SURFACE & DROP										
		CEMENT TOP JOB W/ 50 SKS "G", 3 BBL CIRCULATED TO RESERVE PIT										
1:00	23:00 - 24:00	WAIT ON CEMENT										

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DIVISION OF OIL, GAS AND MINING

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24 hr Summary:									
<b>NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS</b>									
Operations @ 0500 Hrs:									
WELD BRADEN HEAD									
18					EVEN:				
Incident Hours:		Safety Mtgs: 4		Safety Hrs, Rig: 144		Safety Hrs, Others: 73		Accidents:	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 7		Safety Hrs, Rig: (Cumulative) 288		Safety Hrs, Others: (Cumulative) 197		Accidents: (Cumulative) -	
						WBS Element No. (Drig) UWDCBE2002DRL			
						WBS Element No. (Comp)			
		Fuel: 400GAL		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019	
Profit Center: MCBU		Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP			
Field: WILLIAMS PEAK		Lease: STATE of UTAH		Well #: 1-20		Date: 3-Sep-02			

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OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING

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**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/>	5. Lease Designation and Serial Number: ML-48429
2. Name of Operator: ChevronTexaco	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 11111 S. Wilcrest Drive, Houston, Texas 77099 281-561-4860	7. Unit Agreement Name: N/A
4. Location of Well Footages: 516' FNL, 503' FEL County: Juab QQ, Sec., T., R., M.: NE/4 NE/4, Section 20, T16S, R1W, SLB&M State: Utah	8. Well Name and Number: Utah State 1-20
	9. API Well Number: 43-023-30019
	10. Field or Pool, or Wildcat: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Spud Notice</u> Date of work completion _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The Utah State 1-20 well was spud September 3, 2002.

Sauer is the drilling contractor utilizing rig 30.

Drilling reports will follow under a separate cover.

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SEP 06 2002

DIVISION OF OIL, GAS AND MINING

ORIGINAL

13. Name & Signature: Don Hamilton *Don Hamilton* Title: Agent for ChevronTexaco Date: 9/4/02

(This space for state use only)

020

ENTITY ACTION FORM

Operator: ChevronTexaco USA Inc.  
Address: 11111 S. Wilcrest Drive  
city Houston  
state TX zip 77099

Operator Account Number: N 0210  
Phone Number: (281) 561-4860

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4302330016	Utah State 1-36		SENE	36	15S	1.5 W	Juab
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13584	8/28/2002		9-9-02		
Comments:							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4302330019	Utah State 1-20		NENE	20	16S	1W	Juab
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13585	9/3/2002		9-9-02		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Don Hamilton

Name (Please Print)

Don Hamilton

Signature

Agent for ChevronTexaco

9/4/2002

Title

Date

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DIVISION OF  
OIL, GAS AND MINING

ORIGINAL

T/HS ROW SEC-20  
43-023-30019

CONFIDENTIAL

015

**ChevronTexaco WILLIAMS PEAK STATE of UTAH 1-20 Drilling Activity Report** Version 5

Measured Depth: 2,327'		TVD: 2,327'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 6	DFS: 5	Spud Date: 03-Sep-02		Daily Footage: 304'		Daily Rot Hrs: 12.0		Total Rot Hrs: 43.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt:	Last BOP Test: 09/03/2002		ECD 9.206					
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 43.5		Cum Rot Hrs on Casing Since Last Caliper: 43.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI	Type: GEL		Sample From: PIT		Wt: 9.0	FV: 40.0	PV: 10.0	YP: 8.0	Gel: 0.4			
WL API: 8.0	HTHP:	FC(1/32) API/HTHP: 2.0		Solids: 3.5	% Oil: 0.0	% Water: 9.7	% Sand: 0.3	MBT:	pH: 9.0			
Pm:	Pf/Mf: .08/.23	Carb:	Cl: 150.0	Ca/Mg: 60.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service 1	Materials added last 24 hrs: GEL-6		POLYPLUS-4		CAUSTIC-1		TRAILER RENT-1					
Drig Gas: 30-34		Max Gas: 35		Conn. Gas: N/A		Trip Gas: N/A		Trip Cl: N/A		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
4		7 7/8	HC	0323678	AXC327				1.1	1,993'	2,023'	2,023'
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
439'	17.00	18	115-120									
30'	4.50	6K	50								CORE	
Total Length of BHA:		BHA Description:										
						DC Size: 6	DP Size: 4	Hours On Jars: 40.0	Hrs Since Last Inspection: 87.0			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	194	3.99	227
4	5	14										
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS
2,137'		12.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
1:30	0:00 - 01:30	TIH W/ CORE BBL										
4:30	1:30 - 06:00	CORE # 1 F/1993' TO 2023', 4-6K WOB, 50 RPM, 300 PSI @ 36 STROKES										
2:30	6:00 - 08:30	TOOH W/ CORE # 1										
1:00	8:30 - 09:30	RECOVER 21.7' OF CORE										
0:30	9:30 - 10:00	RIG SERVICE										
1:30	10:00 - 11:30	TIH W/ BIT # 3										
6:30	11:30 - 18:00	DRILL F/ 2023' TO 2173'										
0:30	18:00 - 18:30	SURVEY @ 2137' = 12 DEGREE										
5:30	18:30 - 24:00	DRILL F/ 2137' TO 2327'										
24 hr Summary: TIH, CORE, TOOH W/ CORE BBL, TIH W/ BIT # 3, DRILL, SURVEY												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: DRILL @ 2420'												
22 EVEN:												
Incident Hours:			Safety Mtgs: 3	Safety Hrs, Rig: 144			Safety Hrs, Others: 175			Accidents:		
Incident Hours (Cumulative): -			Safety Mtgs (Cumulative): 19	Safety Hrs, Rig (Cumulative): 864			Safety Hrs, Others (Cumulative): 720			Accidents (Cumulative): -		
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$39,848				WBS Element No. (Drig) UWDCBE2002DRL				
Cum Mud Cost:		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$212,938				WBS Element No. (Comp)				
Daily Comp Cost:		Cum Completion Cost: \$0		Cum Well Cost: \$212,938				Total Appr: \$ 307,400				
Daily Water Cost: \$500		Cum. Water Cost: \$4,000	Fuel: 400	Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019				
Profit Center: MCBU			Rig: SAUER RIG 30	Rig Phone: 435 749-0958			Drilling Rep: HACK BLANKENSHIP					
Field: WILLIAMS PEAK			Lease: STATE of UTAH			Well #: 1-20		Date: 07-Sep-02				

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## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#: UWDCBE2002DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	38,500		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	1,960		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	4,000		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,592</b>	<b>92,957</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS		0	2,100		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	9,100		0	0
	<b>Supervision Total</b>			<b>1,300</b>	<b>11,200</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI		0	4,098			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>0</b>	<b>4,098</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1 7-7/8" HTC EP4950		0	9,850		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER FORKLIFT	125 75	200	1,400		0	0
74500100	Contract Equip. & Serv. (w/ Op	TERRA TEK	2,700	2,700	8,347		0	0
					0			
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>2,900</b>	<b>19,597</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ	5,800	5,800	5,800		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	6,000		0	0
	<b>Formation Evaluation Total</b>			<b>6,800</b>	<b>11,800</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead			0	0		0	0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST	18,000	18,000	36,000		0	0
94100700	Capitalized G&A		2,256	2,256	11,752		0	0
	<b>Total Field Estimate (Daily)</b>			<b>39,848</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>212,938</b>			<b>0</b>
				\$\$\$	Days		\$\$\$	Days
Days on Location:	6	<b>Original Appropriations</b>						
		<b>Total Appropriated</b>						
Rig:	SAUER RIG 30	Prepared By:		HACK BLANKENSHIP				
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/07/2002	

T/6S RO1W 800-20  
43-023-30019

CONFIDENTIAL

016

**ChevronTexaco WILLIAMS PEAK UTAH STATE STATE of UTAH 1-20 Drilling Activity Report** Version 5

Measured Depth: 2,665'		TVD: 2,665'		PBD: 3,600'		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 7		DFS: 6		Spud Date: 03-Sep-02		Daily Footage: 338'		Daily Rot Hrs: 16.0		Total Rot Hrs: 59.5		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt:		Last BOP Test: 09/03/2002		
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 59.5		Cum Rot Hrs on Casing Since Last Caliper: 59.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 9.1		FV: 38.0		PV: 10.0		
Yp: 6.0		Gel: 0.3		WL API: 8.6		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 4.0		% Oil: 0.0		
% Water: 9.6		% Sand: 0.3		MBT:		pH: 8.5		Pm:		P/Mf: .05/.35		
Carb: Cl: 150.0		Ca/Mg: 80.0		Bent:		Solids % HG/LG:		% DS/Bent:				
Engr Service: 1		Materials added last 24 hrs: GEL-4		POLYPAC-4		BARITE-2		SHRINKWRAP-1				
<b>TRAILER RENTAL-1</b>												
Drlg Gas: 30-34		Max Gas: 69		Conn. Gas: N/A		Trip Gas: 69		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
4		7 7/8	HC	0323678	AXC327				1.1	1,993'	2,023'	2,023'
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
777'	33.00	18	115-120									
30'	4.50	6K	50								CORE	
Total Length of BHA: 462'		BHA Description: BIT-BIT SUB-16 DC- XO										
		DC Size: 6		DP Size: 4		Hours On Jars: 56.0		Hrs Since Last Inspection: 103.0				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	196	4.03	227
4	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate	E/W Coordinate	Vertical Section	DLS				
2,415'		12.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
5:00	0:00 - 05:00	DRILL F/ 2327' TO 2420'										
3:00	5:00 - 08:00	RIG REPAIR ( STARTER ON DRAWWORKS ENGINE)										
1:30	8:00 - 09:30	DRILL F/ 2420' TO 2451'										
0:30	9:30 - 10:00	SURVEY @ 2415' = 12 DEGREE ( CHECK 14 DEGREE TOTCO CLOCK - OK )										
6:30	10:00 - 16:30	DRILL F/ 2451' TO 2607', ROTARY HOSE LEAKING										
4:30	16:30 - 21:00	TOOH W/ 10 STANDS & REPLACE KELLY HOSE, TIH, NO FILL										
3:00	21:00 - 24:00	DRILL F/ 2607' TO 2665'										
		-										
		-										
		-										
		-										
		RIG WATER SUPPLY PUMP @ FARM DOWN, POSSIBLE REPAIR TODAY, HAUL WATER FROM 1-36 RESERVE										
		-										
24 hr Summary: DRILL, RIG REPAIR,SURVEY, 10 STD SHORT TRIP												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: DRILL @ 2755' 20K WOB, 120 RPM												
23 EVEN:												
Incident Hours:		Safety Mtgs: 3		Safety Hrs, Rig: 144		Safety Hrs, Others: 80		Accidents:				
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative) 22		Safety Hrs, Rig: (Cumulative) 1,008		Safety Hrs, Others: (Cumulative) 800		Accidents: (Cumulative) -				
Daily Mud Cost:		Daily Tangible Cost:		Daily Drilling Cost: \$15,817		WBS Element No. (Drlg) UWDCBE2002DRL						
Cum Mud Cost:		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$211,663		WBS Element No. (Comp)						
Daily Comp Cost		Cum Completion Cost \$0		Cum Well Cost \$211,663		Total Appr: \$ 307,400						
Daily Water Cost: \$500		Cum. Water Cost: \$4,500		Fuel: 400		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU		Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP						
Field: WILLIAMS PEAK		Lease: STATE of UTAH		Well #: 1-20		Date: 08-Sep-02						

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#: UWDCBE2002DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	46,200		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	2,352		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	4,500		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,592</b>	<b>101,549</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS		0	2,100		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	10,400		0	0
	<b>Supervision Total</b>			<b>1,300</b>	<b>12,500</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	890	890	5,896			
				0	0			0
				0	0			0
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>890</b>	<b>5,896</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1 7-7/8" HTC EP4950		0	9,850		0	0
72300100	Surf. Equip.Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER FORKLIFT	125 75	200	1,600		0	0
74500100	Contract Equip. & Serv. (w/ Op	TERRA TEK		0	8,347		0	0
					0			0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunciations 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>200</b>	<b>19,797</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ	2,940	2,940	8,740		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	7,000		0	0
	<b>Formation Evaluation Total</b>			<b>3,940</b>	<b>15,740</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead			0	0		0	0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST		0	18,000		0	0
94100700	Capitalized G&A		895	895	12,647		0	0
	<b>Total Field Estimate (Daily)</b>			<b>15,817</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>211,663</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	7			<b>Original Appropriations</b>				
				<b>Total Appropriated</b>				
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/08/2002	

T/BS ROW 250-20  
43-093-30019

CONFIDENTIAL

017

UTAH STATE

ChevronTexaco WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 3,167'		TVD: 3,167'		PBD:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 8		DFS: 7		Spud Date: 03-Sep-02		Daily Footage: 502'		Daily Rot Hrs: 22.5		Total Rot Hrs: 82.0		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt:		Last BOP Test: 09/03/2002		
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 82.0		Cum Rot Hrs on Casing Since Last Caliper: 82.0		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 9.2		FV: 45.0		PV: 11.0		
WL API: 9.8		HTHP:		FC(1/32) API/HTHP: 2.0		Solids: 4.5		% Oil: 0.0		% Water: 9.5		
Pm:		P/Mf: .05/.35		Carb: Cl: 150.0		Ca/Mg: 80.0		Bent:		Solids % HG/LG:		
Engr Service 1		Materials added last 24 hrs:		GEL-19		POLYPAC-4		CAUSTIC-1		SODA ASH-1		
TRAILER RENTAL-1 DRAYAGE-1												
Drig Gas: 30-36		Max Gas: 41		Conn. Gas: N/A		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,279'	55.50	18	115-120									
Total Length of BHA: 462'		BHA Description: BIT-BIT SUB-16 DC- XO										
		DC Size: 6		DP Size: 4		Hours On Jars: 78.5		Hrs Since Last Inspection: 125.5				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	198	4.07	227
	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section		DLS
2,730'		11.0										
2,980'		11.3										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
5:00	0:00 - 05:00	DRILL F/ 2665' TO 2763', 20K WOB & 120 RPM										
0:30	5:00 - 05:30	SURVEY @ 2730' = 11 DEGREE										
10:30	5:30 - 16:00	DRILL F/ 2763' TO 2981', 22K WOB & 120 RPM										
0:30	16:00 - 16:30	SURVEY @ 2980' = 11-1/4 DEGREE										
0:30	16:30 - 17:00	RIG SERVICE										
7:00	17:00 - 24:00	DRILL F/ 2981' TO 3167', 22K WOB & 120 RPM										
24 hr Summary: DRILL & SURVEY SANDSTONE-60% SHALE-25% LIME-15%												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: DRILLING @ 3267'												
24 EVEN:												
Incident Hours:		Safety Mtgs: 2		Safety Hrs, Rig: 144		Safety Hrs, Others: 80		Accidents:				
Incident Hours: (Cumulative)		Safety Mtgs: (Cumulative) 24		Safety Hrs, Rig: (Cumulative) 1,152		Safety Hrs, Others: (Cumulative) 880		Accidents: (Cumulative) -				
Daily Mud Cost: \$1,563		Daily Tangible Cost:		Daily Drilling Cost: \$13,414		WBS Element No. (Drig) UWDCBE2002DRL						
Cum Mud Cost: \$7,459		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$225,078		WBS Element No. (Comp)						
Daily Comp Cost		Cum Completion Cost: \$0		Cum Well Cost: \$225,078		Total Appr: \$ 307,400						
Daily Water Cost: \$500		Cum. Water Cost: \$5,000		Fuel: 400		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU		Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP						
Field: WILLIAMS PEAK		Lease: STATE of UTAH		Well #: 1-20		Date: 09-Sep-02						

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#: UWDCBE2002DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	53,900		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	2,744		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	5,000		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,592</b>	<b>110,141</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS		0	2,100		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	11,700		0	0
	<b>Supervision Total</b>			<b>1,300</b>	<b>13,800</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	1,563	1,563	7,459			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>1,563</b>	<b>7,459</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services			0	0		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1		0	9,850		0	0
		7-7/8" HTC EP4950						
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	1,800		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Op	TERRA TEK		0	8,347		0	0
					0			
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>200</b>	<b>19,997</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ		0	8,740		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	8,000		0	0
	<b>Formation Evaluation Total</b>			<b>1,000</b>	<b>16,740</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST		0	18,000		0	0
94100700	Capitalized G&A		759	759	13,407		0	0
	<b>Total Field Estimate (Daily)</b>			<b>13,414</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>225,078</b>			<b>0</b>
				\$\$\$	Days		\$\$\$	Days
Days on Location:	8							
Rig:	SAUER RIG 30			Prepared By:		HACK BLANKENSHIP		
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/09/2002	

T165 ROW Sec-20  
43-023-30015

CONFIDENTIAL

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UTAH STATE

ChevronTexaco WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 3,600'		TVD: 3,600'		PBD:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 9	DFS: 8	Spud Date: 03-Sep-02		Daily Footage: 433'		Daily Rot Hrs: 22.5		Total Rot Hrs: 104.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt.	Last BOP Test: 09/03/2002		ECD: 9.458					
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 104.5		Cum Rot Hrs on Casing Since Last Caliper: 104.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI	Type: GEL	Sample From: PIT		Wt: 9.2	FV: 43.0	PV: 11.0	YP: 10.0	Gel: 0.3				
WL API: 11.0	HTHP: FC(1/32) API/HTHP: 2.0	Solids: 4.5	% Oil: 0.0	% Water: 9.5	% Sand: 0.3	MBT:	pH: 8.0					
Pm:	Pf/Mf: .05/.35	Carb:	Cl: 150.0	Ca/Mg: 80.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service: 1	Materials added last 24 hrs: GEL-10		POLYPAC-5		POLYPLUS-2		SODA ASH-1					
TRAILER RENTAL-1												
Drig Gas: 35-40		Max Gas: 40		Conn. Gas: N/A		Trip Gas: N/A		Trip Cl:		Remarks:		
Bit No. 3	IADC 527	Size 7 7/8	Manufacturer HTC	Serial Number 5002407	Type EP4950	Jets 12 12 12			TFA 0.3313	MD In 1,858'	MD Out	TVD Out
Feet 1,712'	Hours 78.00	WOB 18	RPM 115-120	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
Total Length of BHA: 462'		BHA Description: BIT-BIT SUB-16 DC- XO										
				DC Size: 6	DP Size: 4	Hours On Jars: 101.0	Hrs Since Last Inspection: 148.0					
Bit 3	Liner 6	Stroke 16	BBL/STK 0.145	SPM 58	Pressure 1,100	GPM 353	Jet Vel 341	DP AV 188	DC AV 333	Bit HHP 198	BHHP/SQ. IN. 4.07	Pump HHP 227
	5	14										
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS
3,292'		12.3										
3,570'		14.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
6:30	0:00 - 06:30	DRILL F/ 3167' TO 3292', WOB 22K - RPM 120										
0:30	6:30 - 07:00	SURVEY @ 3292' = 12-1/4 DEGREE										
16:00	7:00 - 23:00	DRILL F/ 3292' TO 3600', WOB 20K, RPM 120										
0:30	23:00 - 23:30	SHORT TRIP (5 STANDS)										
0:30	23:30 - 24:00	CIRCULATE BOTTOMS UP										
24 hr Summary: DRILL, SURVEY, SHORT TRIP, CIRCULATE												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: SCHLUMBERGER TIH W/ PLATFORM EXPRESS												
25 EVEN:												
Incident Hours:			Safety Mtgs: 2	Safety Hrs, Rig: 144			Safety Hrs, Others: 80			Accidents:		
Incident Hours (Cumulative): -			Safety Mtgs (Cumulative): 26	Safety Hrs, Rig (Cumulative): 1,296			Safety Hrs, Others (Cumulative): 960			Accidents (Cumulative): -		
Daily Mud Cost: \$1,150		Daily Tangible Cost:		Daily Drilling Cost: \$15,415			WBS Element No. (Drig) UWDCBE2002DRL					
Cum Mud Cost: \$8,609		Cum Tangible Cost: \$5,012		Cum Drilling Cost: \$240,492			WBS Element No. (Comp)					
Daily Comp Cost		Cum Completion Cost: \$0		Cum Well Cost: \$240,492			Total Appr: \$ 307,400					
Daily Water Cost: \$500		Cum. Water Cost: \$5,500		400		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU			Rig: SAUER RIG 30		Rig Phone: 435 749-0958			Drilling Rep: HACK BLANKENSHIP				
Field: WILLIAMS PEAK			Lease: STATE of UTAH			Well #: 1-20		Date: 10-Sep-02				

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#: UWDCBE2002DRL			WBS #: 0		
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	61,600		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	3,136		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	5,500		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,592</b>	<b>118,733</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS		0	2,100		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	13,000		0	0
	<b>Supervision Total</b>			<b>1,300</b>	<b>15,100</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	1,150	1,150	8,609			
				0	0			0
				0	0			0
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>1,150</b>	<b>8,609</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services	MARTIN & HALL TRUCKING	2,300	2,300	2,300		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1 7-7/8" HTC EP4950		0	9,850		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER FORKLIFT	125 75	200	2,000		0	0
74500100	Contract Equip. & Serv. (w/ Op	TERRA TEK		0	8,347		0	0
					0			0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>2,500</b>	<b>22,497</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ		0	8,740		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline			0	0		0	0
74400021	Logging - Mud	PASON	1,000	1,000	9,000		0	0
	<b>Formation Evaluation Total</b>			<b>1,000</b>	<b>17,740</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST		0	18,000		0	0
94100700	Capitalized G&A		873	873	14,279		0	0
	<b>Total Field Estimate (Daily)</b>			<b>15,415</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>240,492</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	9							
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/10/2002	

T16S R01W SEC-20  
43-023-30019

CONFIDENTIAL

019

UTAH STATE

ChevronTexaco WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 3,600'		TVD: 3,600'		PBTD:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 10		DFS: 9		Spud Date: 03-Sep-02		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 104.5		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test: 09/03/2002		
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 104.5		Cum Rot Hrs on Casing Since Last Caliper: 104.5		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 9.2		FV: 42.0		PV: 10.0		
Yp: 9.0		Gel: 0.3		WL API: 10.0		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 4.5		% Oil: 0.0		
% Water: 9.5		% Sand: 0.3		MBT:		pH: 8.0						
Pm:		P/Mf: 0/3		Carb: Cl: 200.0		Ca/Mg: 80.0		Bent:		Solids % HG/LG:		
% DS/Bent:												
Engr Service		Materials added last 24 hrs:										
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,712'	78.00	18	115-120	3	3	WT	A	5	I	BT-2	TD	
Total Length of BHA:				BHA Description:								
				DC Size: 6		DP Size: 4		Hours On Jars: 101.0		Hrs Since Last Inspection: 148.0		
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	198	4.07	227
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section		DLS
3,790'		14.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
3:00	0:00 - 03:00	DROP SURVEY & TOOH, TIGHT @ 1151' TO 1062'										
5:00	3:00 - 08:00	SAFETY MEETING, R/U SCHLUMBERGER & TIH W/ PLATFORM EXPRESS, LOG & R/D TOOL, LOGGERS DEPTH 3595										
4:00	8:00 - 12:00	P/U FMI TOOL, TIH & LOG, L/D TOOL										
4:30	12:00 - 16:30	P/U DIPOLE SONIC TOOL, TIH, LOG & RIG DOWN										
2:00	16:30 - 18:30	SAFETY MEETING, R/U LAY DOWN TRUCK & LAY DOWN DRILL COLLARS, RIG DOWN										
3:00	18:30 - 21:30	TIH W/ 50 STANDS OPEN ENDED DP & P/U & TIH W/ 13 JTS DP TO 3510'										
2:00	21:30 - 23:30	SAFETY MEETING, R/U DOWELL, TEST LINES & PUMP 100' PLUG F/ 3450' TO 3550'										
0:30	23:30 - 24:00	TOOH W/ 7 STANDS DP TO 3075'										
		P&A PROCEDURE APPROVED VERBALLY BY MARK JONES OF UTAH OG&M										
24 hr Summary: TOOH, WIRE LINE LOGS, L/D DC, TIH, SET CEMENT PLUG												
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS												
Operations @ 0500 Hrs: TOOH LAYING DOWN DP @1500'												
26 EVEN:												
Incident Hours:			Safety Mtgs: 4		Safety Hrs, Rig: 144			Safety Hrs, Others: 102		Accidents:		
Incident Hours: (Cumulative)			Safety Mtgs: (Cumulative) 30		Safety Hrs, Rig: (Cumulative) 1,440			Safety Hrs, Others: (Cumulative) 1,062		Accidents: (Cumulative)		
Daily Mud Cost: \$1,471		Daily Tangible Cost:			Daily Drilling Cost: \$42,708			WBS Element No. (Drig) UWDCBE2002DRL				
Cum Mud Cost: \$10,080		Cum Tangible Cost: \$5,012			Cum Drilling Cost: \$283,201			WBS Element No. (Comp)				
Daily Comp Cost		Cum Completion Cost \$0			Cum Well Cost \$283,201			Total Appr: \$ 307,400				
Daily Water Cost: \$500		Cum. Water Cost: \$6,000		400		Bulk Wt:		ChevronTexaco 0		API Number: 43-023-30019		
Profit Center: MCBU			Rig: SAUER RIG 30		Rig Phone: 435 749-0958		Drilling Rep: HACK BLANKENSHIP					
Field: WILLIAMS PEAK		Lease: STATE of UTAH			Well #: 1-20		Date: 11-Sep-02					

# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#:	UWDCBE2002DRL		WBS#:	0	
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	7,700	7,700	69,300		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	3,528		0	0
71290300	Utilities - Other (potable water)	NIELSONS	500	500	6,000		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>8,592</b>	<b>127,325</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS - CUT & WELD	2,200	2,200	4,300		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	14,300		0	0
	<b>Supervision Total</b>			<b>3,500</b>	<b>18,600</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI	1,471	1,471	10,080			
				0	0			
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>1,471</b>	<b>10,080</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services	PETE MARTIN TRUCKING	1,500	1,500	3,800		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits	12-1/4"RT HTC MX-1		3,100	12,950		0	0
		7-7/8" HP-11	3,100					
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	2,200		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Op	TERRA TEK		0	8,347		0	0
					0		0	0
75100300	X-Ray & Insp. Serv.			0	0		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>4,800</b>	<b>27,297</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ		0	8,740		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline	SCHLUMBERGER	20,928	20,928	20,928		0	0
74400021	Logging - Mud	PASON	1,000	1,000	10,000		0	0
	<b>Formation Evaluation Total</b>			<b>21,928</b>	<b>39,668</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL		0	20,522		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST		0	18,000		0	0
94100700	Capitalized G&A		2,417	2,417	16,697		0	0
	<b>Total Field Estimate (Daily)</b>			<b>42,708</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>283,201</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	10			<b>Original Appropriations</b>				
				<b>Total Appropriated</b>				
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/11/2002	

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File \_\_\_\_\_  
Utah State 1-20  
(Loc.) Sec 20 Twp 6S Rng. 1W  
(API No.) 43-023-30019

Suspense  
(Return Date) \_\_\_\_\_  
(To-Initials) \_\_\_\_\_

Other  
\_\_\_\_\_  
\_\_\_\_\_

1. Date of Phone Call: 9/11/2002 Time: ~10:00 a.m.

2. DOGM Employee (name) Dustin Doucet ( Initiated Call)  
Talked to:  
Name Mark Jones ( Initiated Call) - Phone No. (\_\_\_\_)  
of (Company/Organization) Price - DOGM

3. Topic of Conversation: Plugging of well

4. Highlights of Conversation: Gave Verbal Approval to proceed w/ plugging. Essentially, Plug @ bottom, Plug across North Horn, Plug from surface Shoe to surface and plug across any other permeable or water/mineral bearing zones. See previously Approved strat test PA approval. Send in Cement report w/ sundry.

CONFIDENTIAL

021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL [ ] GAS [X] OTHER: [ ]

2. Name of Operator:

ChevronTexaco

3. Address and Telephone Number:

11111 S. Wilcrest Drive, Houston, Texas 77099 281-561-4860

4. Location of Well

Footages:

516' FNL, 503' FEL

QQ, Sec., T., R., M.:

NE/4 NE/4, Section 20, T16S, R1W, SLB&M

5. Lease Designation and Serial Number:

ML-48429

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Utah State 1-20

9. API Well Number:

43-023-30019

10. Field or Pool, or Wildcat:

Wildcat

County: Juab

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Multiple Completion, Other, New Construction, Pull or Alter Casing, Recomplete, Reperforate, Vent or Flare, Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon \*, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Other Weekly Drilling Reports, New Construction, Pull or Alter Casing, Reperforate, Vent or Flare, Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached please find the weekly drilling report for the Utah State 1-20.

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ORIGINAL

13.

Name & Signature: Don Hamilton

Don Hamilton

Title: Agent for ChevronTexaco

Date: 9/9/02

(This space for state use only)

ChevronTexac WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 783'		TVD: 783'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 3		DFS: 2		Spud Date: 3-Sep-02		Daily Footage: 310'		Daily Rot Hrs: 2.5		Total Rot Hrs: 6.0		
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:		
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>		
Cum Rot Hrs on Casing: 6.0		Cum Rot Hrs on Casing Since Last Caliper: 6.0		Whipstock Set @:		KOP:						
Liner Size:		Set At: TVD		Liner Top At: MD		TVD						
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 8.5		FV: 39.0		PV: 10.0		
Yp: 8.0		Gel: 0.6		WL APt: 14.0		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 1.0		% Oil: 0.0		
% Water: 9.9		% Sand: 0.3		MBT:		pH: 9.5						
Pm:		P/Mf: 4/.45		Carb: Cl: 150.0		Ca/Mg: 60.0		Bent:		Solids % HG/LG:		
% DS/Bent:												
Engr Service 1		Materials added last 24 hrs:		POLY PLUS-2		CEDAR FIBER-7		MAXISEAL-1				
TRAILER RENTAL-1												
Drig Gas:		Max Gas: 45		Conn. Gas:		Trip Gas: N/A		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
1RT	117	12 1/4	HTC	H82JM	MX-1	12	12	12	0.3313	203'	473'	473'
2	116	7 7/8	REED	LB666	HP11	12	12	12	0.3313	473'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
310'	2.50	18-20	110									
Total Length of BHA: 400'		BHA Description: BIT-BS-14 DC-XO										
		DC Size: 6		DP Size: 4		Hours On Jars: 2.5		Hrs Since Last Inspection: 49.5				
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
1RT	6	16	0.145	58	1,100	353	341	65	76	183	1.56	227
2	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
534		0.5										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
3:00	0:00 - 03:00	WAIT ON CEMENT										
4:30	3:00 - 07:30	CUT OFF CONDUCTOR & WELD ON 11" x 3000 PSI CASING HEAD										
0:30	7:30 - 08:00	RIG SERVICE										
3:30	8:00 - 11:30	N/U BOP & CHOKE MANIFOLD										
5:00	11:30 - 16:30	TEST VALVES, KELLY, BOP & CHOKE MANIFOLD W/2000 PSI HIGH, 250 PSI LOW, TEST ANNULAR & CASING										
	-	1000 PSI HIGH & 250 PSI LOW										
1:00	16:30 - 17:30	TIH W/ BIT # 2										
0:30	17:30 - 18:00	TAG @ 420, DRILL INSERT & CEMENT TO 440', PLUGGED BIT										
1:00	18:00 - 19:00	TOOH										
1:30	19:00 - 20:30	UNPLUG JET NOZZLES & TIH										
1:00	20:30 - 21:30	DRILL CEMENT & SHOE F/ 440' TO 460' FORMATION F/ 460' TO 534'										
0:30	21:30 - 22:00	SURVEY @ 1031' = 1/2 DEGREE										
2:00	22:00 - 24:00	DRILL F/ 534' TO 783'										

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24 hr Summary: WOC, WELD CSG HEAD, TEST BOP, DRILL, TRIP, DRILL, SURVEY					
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS					
Operations @ 0500 Hrs: DRILL @ 1150' W/ 20K WOB, 110 RPM - LAST SURVEY @ 1031' = 9 DEGREE					
19 EVEN:					
Incident Hours:	Safety Mtgs: 4	Safety Hrs, Rig: 144	Safety Hrs, Others: 80	Accidents:	
Incident Hours: (Cumulative) -	Safety Mtgs: (Cumulative) 11	Safety Hrs, Rig: (Cumulative) 432	Safety Hrs, Others: (Cumulative) 277	Accidents: (Cumulative) -	
			WBS Element No. (Drig) UWDCBE2002DRL		
			WBS Element No. (Comp)		
		Fuel: 300	Bulk Wt:	ChevronTexaco ' 0	API Number: 43-023-30019
Profit Center: MCBU	Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP		
Field: WILLIAMS PEAK	Lease: STATE of UTAH	Well #: 1-20	Date: 4-Sep-02		

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Measured Depth: 1,858'		TVD: 1,858'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'							
DOL: 4		DFS: 3		Spud Date: 3-Sep-02		Daily Footage: 1,075'		Daily Rot Hrs: 20.5		Total Rot Hrs: 26.5					
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test: ECD 9.109					
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y		N <input checked="" type="checkbox"/>					
Cum Rot Hrs on Casing: 26.5		Cum Rot Hrs on Casing Since Last Caliper: 26.5		Whipstock Set @:		KOP:									
Liner Size: Set At: TVD		Liner Top At: MD		TVD											
Mud Co: MI		Type: GEL		Sample From: PIT		Wt: 9.0		FV: 45.0		PV: 12.0		YP: 9.0		Gel: 0.4	
WL API: 7.8		HTHP: FC(1/32) API/HTHP: 2.0		Solids: 3.5		% Oil: 0.0		% Water: 9.6		% Sand: 0.3		MBT: pH: 9.0			
Pm:		P/Mf: .5/3		Carb: Cl: 150.0		Ca/Mg: 60.0		Bent:		Solids % HG/LG:		% DS/Bent:			
Engr Service 1		Materials added last 24 hrs: GEL-11		POLYPAC-7		POLYPLUS-4		SODA ASH-1							
BICARB-2		SAPP-1		TRAILER RENTAL-1											
Orig Gas:		Max Gas: 38		Conn. Gas:		Trip Gas: N/A		Trip Cl:		Remarks:					
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out			
1RT	117	12 1/4	HTC	H82JM	MX-1	12	12	12	0.3313	203'	473'	473'			
2	116	7 7/8	REED	LB666	HP11	12	12	12	0.3313	473'					
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft			
1,385'	23.00	20-25	110	4	4	WT	A	E	I		PR				
Total Length of BHA: 400'		BHA Description: BIT-BS-14 DC-XO													
		DC Size: 6		DP Size: 4		Hours On Jars: 23.0		Hrs Since Last Inspection: 70.0							
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP			
1RT	6	16	0.145	58	1,100	353	341	65	76	194	1.65	227			
2	5	14													
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section		DLS			
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight													
2:30	0:00 - 02:30	DRILL F/ 783' TO 1031'													
1:00	2:30 - 03:30	SURVEY @ 1031' OFF 7 DEGREE CHART, SURVEY W/ 14 DEGREE = 9 DEGREE													
5:30	3:30 - 09:00	DRILL F/ 1031' TO 1373' W/ 20K WOB & 110 RPM, SURVEY @ 1343 = 8 DEGREE													
3:00	9:00 - 12:00	DRILL F/ 1393' TO 1559' & SURVEY @ 1523' = 8 DEGREE													
5:30	12:00 - 17:30	DRILL F/ 1559' TO 1746' W/ 25K WOB & 110 RPM, SURVEY @ 1711' = 12 DEGREE													
5:00	17:30 - 22:30	DRILL F/ 1746' TO 1838' W/ 20K WOB & 120 RPM, SURVEY @ 1838' = 12 DEGREE													
1:00	22:30 - 23:30	DRILL F/ 1838' TO 1858' W/ 20K WOB & 120 RPM													
0:30	23:30 - 24:00	TOOH W/ BIT # 2													

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24 hr Summary: DRILL SURVEYS, TOOH					
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS					
Operations @ 0500 Hrs: TIH @ 1840', TIGHT @ 1425'					
20			EVEN:		
Incident Hours:	Safety Mtgs: 2	Safety Hrs, Rig: 144	Safety Hrs, Others: 88	Accidents:	
Incident Hours: (Cumulative) -	Safety Mtgs: (Cumulative) 13	Safety Hrs, Rig: (Cumulative) 576	Safety Hrs, Others: (Cumulative) 365	Accidents: (Cumulative) -	
			WBS Element No. (Orig) UWDCBE2002DRL		
			WBS Element No. (Comp)		
		Fuel: 300	Bulk Wt:	ChevronTexaco 0	API Number: 43-023-30019
Profit Center: MCBU	Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP		
Field: WILLIAMS PEAK	Lease: STATE of UTAH	Well #: 1-20	Date: 5-Sep-02		

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Measured Depth:	1,993'	TVD:	1,993'	PBTD:		Proposed MD:	3,600'	Proposed TVD:	3,600'								
DOL:	5	DFS:	4	Spud Date:	3-Sep-02	Daily Footage:	135'	Daily Rot Hrs:	5.0	Total Rot Hrs:	31.5						
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:	9/3/02	ECD	9.206				
Last Casing Size:	8- 5/8 "	Set At:	459'	TVD		Shoe Test:		Leakoff?	Y	N	<input checked="" type="checkbox"/>						
Cum Rot Hrs on Casing:	31.5	Cum Rot Hrs on Casing Since Last Caliper:	31.5	Whipstock Set @:		KOP:											
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD							
Mud Co:	MI	Type:	GEL	Sample From:	PIT	Wt:	9.0	FV:	43.0	PV:	12.0	YP:	8.0	Gel:	0.4		
WL API:	8.0	HTHP:		FC(1/32) API/HTHP:	2.0	Solids:	3.5	% Oil:	0.0	% Water:	9.6	% Sand:	0.3	MBT:		pH:	9.0
Pm:		Pf/Mf:	.5/1	Carb:		Cl:	150.0	Ca/Mg:	60.0	Bent:		Solids % HG/LG:		% DS/Bent:			
Engr Service	1	Materials added last	24 hrs: GEL-1 POLYPAC-3 POLYPLUS-2 TRAILER-1														

Drig Gas:	25-30	Max Gas:	34	Conn. Gas:	N/A	Trip Gas:	N/A	Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets	TFA	MD In	MD Out	TVD Out		
2	116	7 7/8	REED	LB666	HP11	12 12 12	0.3313	473'	1,858'			
3	527	7 7/8	HTC	5002407	EP4950	12 12 12	0.3313	1,858'				
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,385'	23.00	20-25	110	4	4	WT	A	E	I		PR	

Total Length of BHA: \_\_\_\_\_ BHA Description: \_\_\_\_\_

DC Size:	6	DP Size:	4	Hours On Jars:	28.0	Hrs Since Last Inspection:	75.0					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
2	6	16	0.145	58	1,100	353	341	188	333	194	3.99	227
3	5	14										

Survey MD	Angle	Direction	TVD	N/S Coordinate	E/W Coordinate	Vertical Section	DLS
1,990'	12.0						

Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight
2:30	0:00 - 02:30	TOOH W/ BIT # 2, DRAG 10-20K
2:30	2:30 - 05:00	M/U BIT # 3, P/U 2 DC & TIH, TIGHT @ 1425'
5:00	5:00 - 10:00	DRILL F/ 1858' TO 1993' W/ 20K WOB & 110 RPM
1:00	10:00 - 11:00	CIRCULATE SAMPLE
2:30	11:00 - 13:30	DROP SURVEY & TOOH W/ BIT # 3 SURVEY @ 1990' = 12 DEGREE
0:30	13:30 - 14:00	RIG SERVICE
1:30	14:00 - 15:30	SAFETY MEETING, P/U CORE BBL, JARS, & TIH TAG TIGHT HOLE @ 1620'
3:30	15:30 - 19:00	REAM F/ 1620' TO 1987'
1:30	19:00 - 20:30	SPACE OUT W/ PUP JOINTS & ATTEMPT TO CORE, 8K ON BIT, NO PENETRATION, (4" IN 40 MIN)
3:00	20:30 - 23:30	TOOH W/ CORE BBL (BIT BALLED UP)
0:30	23:30 - 24:00	M/U CORE BIT & TIH

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24 hr Summary:							
<b>NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS</b>							
Operations @ 0500 Hrs:							
CORING W/ CORE # 1							
21				EVEN:			
Incident Hours:	Safety Mtgs:	Safety Hrs, Rig:	Safety Hrs, Others:	Accidents:			
	3	144	180				
Incident Hours: (Cumulative)	Safety Mtgs: (Cumulative)	Safety Hrs, Rig: (Cumulative)	Safety Hrs, Others: (Cumulative)	Accidents: (Cumulative)			
-	16	720	545	-			
				WBS Element No. (Drig)	UWDCBE2002DRL		
				WBS Element No. (Comp)			
		Bulk Wt:	ChevronTexaco	API Number:			
			0	43-023-30019			
Profit Center:	Rig:	Rig Phone:	Drilling Rep:				
MCBU	SAUER RIG 30	435 749-0958	HACK BLANKENSHIP				
Field:	Lease:	Well #:	Date:				
WILLIAMS PEAK	STATE of UTAH	1-20	6-Sep-02				

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DIVISION OF  
OIL, GAS AND MINING

ChevronTexac WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 2,327'		TVD: 2,327'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 6	DFS: 5	Spud Date: 3-Sep-02		Daily Footage: 304'		Daily Rot Hrs: 12.0		Total Rot Hrs: 43.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt.	Last BOP Test: 9/3/02		ECD: 9.206					
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 43.5		Cum Rot Hrs on Casing Since Last Caliper: 43.5		Whipstock Set @:		KOP:						
Liner Size:		Set At:		TVD		Liner Top At:		MD TVD				
Mud Co: MI	Type: GEL	Sample From: PIT		Wt: 9.0	FV: 40.0	PV: 10.0	YP: 8.0	Gel: 0.4				
WL API: 8.0	HTHP:	FC(1/32) API/HTHP: 2.0		Solids: 3.5	% Oil: 0.0	% Water: 9.7	% Sand: 0.3	MBT:	pH: 9.0			
Pm:	Pt/Mf: .08/.23	Carb:	Cl: 150.0	Ca/Mg: 60.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service: 1	Materials added last 24 hrs:		GEL-6		POLYPLUS-4		CAUSTIC-1		TRAILER RENT-1			
Drig Gas: 30-34		Max Gas: 35		Conn. Gas: N/A		Trip Gas: N/A		Trip Cl: N/A		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
4		7 7/8	HC	0323678	AXC327				1.1	1,993'	2,023'	2,023'
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
439'	17.00	18	115-120									
30'	4.50	6K	50								CORE	
Total Length of BHA:		BHA Description:										
						DC Size: 6	DP Size: 4	Hours On Jars: 40.0	Hrs Since Last Inspection: 87.0			
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	194	3.99	227
4	5	14										
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS
2,137'		12.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
1:30	0:00 - 01:30	TIH W/ CORE BBL										
4:30	1:30 - 06:00	CORE # 1 F/1993' TO 2023', 4-6K WOB, 50 RPM, 300 PSI @ 36 STROKES										
2:30	6:00 - 08:30	TOOH W/ CORE # 1										
1:00	8:30 - 09:30	RECOVER 21.7' OF CORE										
0:30	9:30 - 10:00	RIG SERVICE										
1:30	10:00 - 11:30	TIH W/ BIT # 3										
6:30	11:30 - 18:00	DRILL F/ 2023' TO 2173'										
0:30	18:00 - 18:30	SURVEY @ 2137' = 12 DEGREE										
5:30	18:30 - 24:00	DRILL F/ 2137' TO 2327'										
	-											
	-											
	-											
	-											

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24 hr Summary: TIH, CORE, TOOH W/ CORE BBL, TIH W/ BIT # 3, DRILL, SURVEY				
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS				
Operations @ 0500 Hrs: DRILL @ 2420'				
22		EVEN:		
Incident Hours:	Safety Mtgs: 3	Safety Hrs, Rig: 144	Safety Hrs, Others: 175	Accidents:
Incident Hours: (Cumulative) -	Safety Mtgs: (Cumulative) 19	Safety Hrs, Rig: (Cumulative) 864	Safety Hrs, Others: (Cumulative) 720	Accidents: (Cumulative) -
			WBS Element No. (Drig)	UWDCBE2002DRL
			WBS Element No. (Comp)	
		Bulk Wt:	ChevronTexaco ' 0	API Number: 43-023-30019
Profit Center: MCBU	Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP	
Field: WILLIAMS PEAK	Lease: STATE of UTAH	Well #: 1-20	Date: 7-Sep-02	

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24 hr Summary: DRILL, RIG REPAIR,SURVEY, 10 STD SHORT TRIP							
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS							
Operations @ 0500 Hrs: DRILL @ 2755' 20K WOB, 120 RPM							
23				EVEN:			
Incident Hours:	Safety Mtgs:	Safety Hrs, Rig:	Safety Hrs, Others:	Accidents:			
	3	144	80				
Incident Hours: (Cumulative)	Safety Mtgs: (Cumulative)	Safety Hrs, Rig: (Cumulative)	Safety Hrs, Others: (Cumulative)	Accidents: (Cumulative)			
-	22	1,008	800	-			
			WBS Element No. (Orig)			UWDCBE2002DRL	
			WBS Element No. (Comp)				
		Bulk Wt:	ChevronTexaco	API Number:		43-023-30019	
Profit Center: MCBU		Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep:		HACK BLANKENSHIP	
Field: WILLIAMS PEAK		Lease: STATE of UTAH	Well #: 1-20	Date:		8-Sep-02	

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DIVISION OF OIL, GAS AND MINING

ChevronTexac WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth:	3,167'	TVD:	3,167'	PBTD:		Proposed MD:	3,600'	Proposed TVD:	3,600'								
DOL:	8	DFS:	7	Spud Date:	3-Sep-02	Daily Footage:	502'	Daily Rot Hrs:	22.5	Total Rot Hrs:	82.0						
Torque:		Drag:		Rot Wt:		P/U Weight:		S/O Wt.		Last BOP Test:	9/3/02	ECD	9.51				
Last Casing Size:	8- 5/8 "	Set At:	459'	TVD		Shoe Test:		Leakoff?	Y	N	<input checked="" type="checkbox"/>						
Cum Rot Hrs on Casing:	82.0	Cum Rot Hrs on Casing Since Last Caliper:	82.0	Whipstock Set @:		KOP:											
Liner Size:		Set At:		TVD		Liner Top At:		MD		TVD							
Mud Co:	MI	Type:	GEL	Sample From:	PIT	Wt:	9.2	FV:	45.0	PV:	11.0	YP:	12.0	Gel:	0.4		
WL API:	9.8	HHP:		FC(1/32) API/HHP:	2.0	Solids:	4.5	% Oil:	0.0	% Water:	9.5	% Sand:	0.3	MBT:		pH:	8.5
Pm:		Pf/Mf:	.05/.35	Carb:		Cl:	150.0	Ca/Mg:	80.0	Bent:		Solids % HG/LG:		% DS/Bent:			
Engr Service	1	Materials added last	24 hrs:	GEL-19	POLYPAC-4	CAUSTIC-1	SODA ASH-1										

TRAILER RENTAL-1 DRAYAGE-1

Orig Gas:	30-36	Max Gas:	41	Conn. Gas:	N/A	Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets	TFA	MD In	MD Out	TVD Out		
3	527	7 7/8	HTC	5002407	EP4950	12 12 12	0.3313	1,858'				
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,279'	55.50	18	115-120									

Total Length of BHA: 462' BHA Description: BIT-BIT SUB-16 DC- XO

						DC Size:	6	DP Size:	4	Hours On Jars:	78.5	Hrs Since Last Inspection:	125.5
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP	
3	6	16	0.145	58	1,100	353	341	188	333	198	4.07	227	
	5	14											
Survey MD	Angle	Direction	TVD	N/S Coordinate	E/W Coordinate	Vertical Section	DLS						
2,730'	11.0												
2,980'	11.3												

Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight
5:00	0:00 - 05:00	DRILL F/ 2665' TO 2763', 20K WOB & 120 RPM
0:30	5:00 - 05:30	SURVEY @ 2730' = 11 DEGREE
10:30	5:30 - 16:00	DRILL F/ 2763' TO 2981', 22K WOB & 120 RPM
0:30	16:00 - 16:30	SURVEY @ 2980' = 11-1/4 DEGREE
0:30	16:30 - 17:00	RIG SERVICE
7:00	17:00 - 24:00	DRILL F/ 2981' TO 3167', 22K WOB & 120 RPM
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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24 hr Summary: DRILL & SURVEY SANDSTONE-60% SHALE-25% LIME-15%							
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS							
Operations @ 0500 Hrs: DRILLING @ 3267'							
24				EVEN:			
Incident Hours:	Safety Mtgs:	Safety Hrs, Rig:	Safety Hrs, Others:	Accidents:			
	2	144	80				
Incident Hours: (Cumulative)	Safety Mtgs: (Cumulative)	Safety Hrs, Rig: (Cumulative)	Safety Hrs, Others: (Cumulative)	Accidents: (Cumulative)			
-	24	1,152	880	-			
				WBS Element No. (Drig) UWDCBE2002DRL			
				WBS Element No. (Comp)			
		Bulk Wt:	ChevronTexaco	API Number:			
			0	43-023-30019			
Profit Center: MCBU		Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP			
Field: WILLIAMS PEAK		Lease: STATE of UTAH	Well #: 1-20	Date: 9-Sep-02			

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# CONFIDENTIAL

## Daily Cost Estimate

Version 5

**Chevron**

			CAPITAL			EXPENSE		
			WBS#:	UWDCBE2002DRL		WBS #:	0	
Cost Element	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	SAUER RIG 30 @ 7700/DAY	3,850	3,850	73,150		0	0
74400002	Rig - Footage / Turnkey	BILL JR			34,997		0	0
71290100	Fuel - Diesel / Motor Fuels	RED ROCK	392	392	3,920		0	0
71290300	Utilities - Other (potable water)	NIELSONS		0	6,000		0	0
74400003	Rig Up / Rig Down	HENDERSON		0	13,500		0	0
	<b>Rig Costs Total</b>			<b>4,242</b>	<b>131,567</b>		<b>0</b>	<b>0</b>
66010100	Payroll & Other Benefits			0	0		0	0
70000100	Contract Labor (Roustabouts)	GARDINERS TRANS.	500	500	4,800		0	0
70000300	Contract Labor (Consultants)	APEX & CALLOWAY	1,300	1,300	15,600		0	0
	<b>Supervision Total</b>			<b>1,800</b>	<b>20,400</b>		<b>0</b>	<b>0</b>
71400100	Chemicals & Treating Agents			0	0		0	0
74400004	Drilling Fluids	MI		0	10,080			
				0	0			0
				0	0			
71900500	Materials, Supply, Repair Parts			0	0		0	0
	<b>Mud, Materials Total</b>			<b>0</b>	<b>10,080</b>		<b>0</b>	<b>0</b>
73400300	Other Transportation Services	NIELSONS TRANS. CSG	1,300	1,300	5,100		0	0
74400006	Dir. Survey and Service Costs			0	0		0	0
74400007	Drill String Rentals and Bits				12,950		0	0
72300100	Surf. Equip. Rentals (w/o Oper)	MOUNTAIN WEST-TRAILER	125	200	2,400		0	0
		FORKLIFT	75					
74500100	Contract Equip. & Serv. (w/ Op	FRANKS CSG CREW	6,674	6,674	8,347		0	0
					0			0
75100300	X-Ray & Insp. Serv.	STRICKERS SURE TEST - DC	1,335	1,335	1,335		0	0
76200300	Comunnications 3rd party			0	0		0	0
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materials			0	0		0	0
74400011	Pumping Service			0	0		0	0
74400014	Perforating & Electric Line Services			0	0		0	0
74400015	Slickline Services			0	0		0	0
	<b>Contract Rentals &amp; Services Total</b>			<b>8,174</b>	<b>35,471</b>		<b>0</b>	<b>0</b>
74200300	Solid Waste Disposal			0	0		0	0
74200600	Waste Water Disposal			0	0		0	0
	<b>Waste Disposal Total</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>
74400017	Coring	BAKER INTEQ		0	8,740		0	0
74400018	Testing			0	0		0	0
74400019	Logging Wireline	SCHLUMBERGER		0	20,928		0	0
74400021	Logging - Mud	PASON		0	10,000		0	0
	<b>Formation Evaluation Total</b>			<b>0</b>	<b>39,668</b>		<b>0</b>	<b>0</b>
71900021	Well Pipe -Tubing >2"			0	0		0	0
71900022	Well Pipe - Casing	8-5/8" SURFACE		0	4,486		0	0
71900100	Well Equipment / Materials	FLOAT EQUIPMENT		0	526		0	0
71900110	Wellhead				0			0
71500100	Surface Lifting Eq. / Materials			0	0		0	0
	<b>Tangible Equipment Total</b>			<b>0</b>	<b>5,012</b>		<b>0</b>	<b>0</b>
74400024	Cement & Cementing	DOWELL	8,343	8,343	28,865		0	0
74400025	Fishing Costs			0	0		0	0
74400013	Equipment Lost in Hole			0	0		0	0
74500021	Site Work / Roads / Locations	SCAMP EST		0	18,000		0	0
94100700	Capitalized G&A		1,354	1,354	18,050		0	0
	<b>Total Field Estimate (Daily)</b>			<b>23,913</b>			<b>0</b>	
	<b>Total Estimated Cost (Cumulative)</b>				<b>307,113</b>			<b>0</b>
				<b>\$\$\$</b>	<b>Days</b>		<b>\$\$\$</b>	<b>Days</b>
Days on Location:	11							
Rig:	SAUER RIG 30			Prepared By:	HACK BLANKENSHIP			
Field:	WILLIAMS PEAK	Lease:	STATE of UTAH	Well No.:	1-20	Date THRU:	09/12/2002	

**From:** Mark Jones  
**To:** Dan Jarvis; Dustin Doucet; Gil Hunt  
**Date:** 9/12/02 11:17AM  
**Subject:** Chevron Juab county wells

The State of Utah 1-20 well in Juab count ywas PA through the night after contacting myself and conferring with Dustin yesterday.

Plugs were set at;

3450-3550	100' plug	30 sks	
2980-3080	100' plug	30 sks	(as per geologists)
2100-2150	50' plug	15 sks	
550-surface	550' plug		

This information from Hack Blankenship, consultant for Chevron, 9/12/02; ~10:45 am.

DIVISION OF OIL, GAS AND MINING

023

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

ChevronTexaco

3. Address and Telephone Number:

11111 S. Wilcrest Drive, Houston, Texas 77099 281-561-4860

4. Location of Well

Footages:

516' FNL, 503' FEL

QQ, Sec., T., R., M.:

NE/4 NE/4, Section 20, T16S, R1W, SLB&M

5. Lease Designation and Serial Number:

ML-48429

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Utah State 1-20

9. API Well Number:

43-023-30019

10. Field or Pool, or Wildcat:

Wildcat

County: Juab

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |
- Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                                       | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                 | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                            | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                       | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Weekly Drilling Reports</u> |   |
- Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Attached please find the weekly drilling report for the Utah State 1-20.**

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**ORIGINAL**

13.

Name & Signature: Don Hamilton Don Hamilton Title: Agent for ChevronTexaco Date: 9/17/02

(This space for state use only)

CONFIDENTIAL

24 hr Summary: DRILL, SURVEY, SHORT TRIP, CIRCULATE							
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS							
Operations @ 0500 Hrs: SCHLUMBERGER TIH W/ PLATFORM EXPRESS							
25				EVEN:			
Incident Hours:		Safety Mtgs: 2	Safety Hrs, Rig: 144		Safety Hrs, Others: 80	Accidents:	
Incident Hours: (Cumulative) -		Safety Mtgs: (Cumulative) 26	Safety Hrs, Rig: (Cumulative) 1,296		Safety Hrs, Others: (Cumulative) 960	Accidents: (Cumulative) -	
				WBS Element No. (Orig) UWDCBE2002DRL			
				WBS Element No. (Comp)			
Profit Center: MCBU		Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Bulk Wt: ChevronTexaco 0	API Number: 43-023-30019		
Field: WILLIAMS PEAK		Lease: STATE of UTAH		Well #: 1-20		Drilling Rep: HACK BLANKENSHIP	
						Date: 10-Sep-02	

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SEP 23 2002  
DIVISION OF  
OIL, GAS AND MINING

ChevronTexac WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 3,600'		TVD: 3,600'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 9	DFS: 8	Spud Date: 3-Sep-02		Daily Footage: 433'		Daily Rot Hrs: 22.5		Total Rot Hrs: 104.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt.	Last BOP Test: 9/3/02			ECD 9.458				
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 104.5		Cum Rot Hrs on Casing Since Last Caliper: 104.5		Whipstock Set @:		KOP:						
Liner Size: Set At: TVD		Liner Top At: MD		TVD								
Mud Co: MI	Type: GEL	Sample From: PIT		Wt: 9.2	FV: 43.0	PV: 11.0	YP: 10.0	Gel: 0.3				
WL API: 11.0	HTHP:	FC(1/32) API/HTHP: 2.0		Solids: 4.5	% Oil: 0.0	% Water: 9.5	% Sand: 0.3	MBT:	pH: 8.0			
Pm:	Pf/Mf: .05/.35	Carb:	Cl: 150.0	Ca/Mg: 80.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service 1	Materials added last 24 hrs:		GEL-10	POLYPAC-5	POLYPLUS-2	SODA ASH-1						
TRAILER RENTAL-1												
Orig Gas: 35-40		Max Gas: 40		Conn. Gas: N/A		Trip Gas: N/A		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,712'	78.00	18	115-120									
Total Length of BHA: 462'		BHA Description: BIT-BIT SUB-16 DC- XO										
				DC Size: 6	DP Size: 4	Hours On Jars: 101.0	Hrs Since Last Inspection: 148.0					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	198	4.07	227
	5	14										
Survey MD		Angle	Direction	TVD	N/S Coordinate			E/W Coordinate		Vertical Section	DLS	
3,292'		12.3										
3,570'		14.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
6:30	0:00 - 06:30	DRILL F/ 3167' TO 3292', WOB 22K - RPM 120										
0:30	6:30 - 07:00	SURVEY @ 3292' = 12-1/4 DEGREE										
16:00	7:00 - 23:00	DRILL F/ 3292' TO 3600', WOB 20K, RPM 120										
0:30	23:00 - 23:30	SHORT TRIP (5 STANDS)										
0:30	23:30 - 24:00	CIRCULATE BOTTOMS UP										
	-											
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Measured Depth: 3,600'		TVD: 3,600'		PBTD:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 10	DFS: 9	Spud Date: 3-Sep-02		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 104.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt.	Last BOP Test: 9/3/02			ECD 9.432				
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 104.5		Cum Rot Hrs on Casing Since Last Caliper: 104.5		Whipstock Set @:		KOP:						
Liner Size: Set At: TVD		Liner Top At: MD		TVD								
Mud Co: MI	Type: GEL	Sample From: PIT		Wt: 9.2	FV: 42.0	PV: 10.0	YP: 9.0	Gel: 0.3				
WL API: 10.0	HHTP:	FC(1/32) API/HHTP: 2.0		Solids: 4.5	% Oil: 0.0	% Water: 9.5	% Sand: 0.3	MBT:	pH: 8.0			
Pm:	Pf/Mf: 0/3	Carb:	Cl: 200.0	Ca/Mg: 80.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service		Materials added last 24 hrs:										
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,712'	78.00	18	115-120	3	3	WT	A	5	I	BT-2	TD	
Total Length of BHA:		BHA Description:										
				DC Size: 6	DP Size: 4	Hours On Jars: 101.0	Hrs Since Last Inspection: 148.0					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	198	4.07	227
Survey MD		Angle	Direction	TVD		N/S Coordinate		E/W Coordinate		Vertical Section		DLS
3,790'		14.0										
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
3:00	0:00 - 03:00	DROP SURVEY & TOO, TIGHT @ 1151' TO 1062'										
5:00	3:00 - 08:00	SAFETY MEETING, R/U SCHLUMBERGER & TIH W/ PLATFORM EXPRESS, LOG & R/D TOOL, LOGGERS DEPTH 3595										
4:00	8:00 - 12:00	P/U FMI TOOL, TIH & LOG, L/D TOOL										
4:30	12:00 - 16:30	P/U DIPOLE SONIC TOOL, TIH, LOG & RIG DOWN										
2:00	16:30 - 18:30	SAFETY MEETING, R/U LAY DOWN TRUCK & LAY DOWN DRILL COLLARS, RIG DOWN										
3:00	18:30 - 21:30	TIH W/ 50 STANDS OPEN ENDED DP & P/U & TIH W/ 13 JTS DP TO 3510'										
2:00	21:30 - 23:30	SAFETY MEETING, R/U DOWELL, TEST LINES & PUMP 100' PLUG F/ 3450' TO 3550'										
0:30	23:30 - 24:00	TOOH W/ 7 STANDS DP TO 3075'										
		P&A PROCEDURE APPROVED VERBALLY BY MARK JONES OF UTAH OG&M										

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24 hr Summary: TOOH, WIRE LINE LOGS, L/D DC, TIH, SET CEMENT PLUG							
NO ACCIDENTS, SPILLS, OR NEAR MISSES, SAFETY MEETING W/ ALL CREWS							
Operations @ 0500 Hrs: TOOH LAYING DOWN DP @1500'							
26				EVEN:			
Incident Hours:	Safety Mtgs: 4	Safety Hrs, Rig: 144	Safety Hrs, Others: 102	Accidents:			
Incident Hours: (Cumulative) -	Safety Mtgs: (Cumulative) 30	Safety Hrs, Rig: (Cumulative) 1,440	Safety Hrs, Others: (Cumulative) 1,062	Accidents: (Cumulative) -			
			WBS Element No. (Drig) UWDCBE2002DRL				
			WBS Element No. (Comp)				
		Bulk Wt:	ChevronTexaco 0	API Number: 43-023-30019			
Profit Center: MCBU	Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP				
Field: WILLIAMS PEAK	Lease: STATE of UTAH	Well #: 1-20	Date: 11-Sep-02				

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ChevronTexac WILLIAMS PEAK STATE of UTAH 1-20

Drilling Activity Report

Version 5

Measured Depth: 3,600'		TVD: 3,600'		PBDT:		Proposed MD: 3,600'		Proposed TVD: 3,600'				
DOL: 11	DFS: 10	Spud Date: 3-Sep-02		Daily Footage: 0'		Daily Rot Hrs: 9/3/2002		Total Rot Hrs: 104.5				
Torque:	Drag:	Rot Wt:	P/U Weight:	S/O Wt:	Last BOP Test: 9/3/2002		ECD: 0.232					
Last Casing Size: 8- 5/8 "		Set At: 459'		TVD		Shoe Test:		Leakoff? Y N <input checked="" type="checkbox"/>				
Cum Rot Hrs on Casing: 104.5		Cum Rot Hrs on Casing Since Last Caliper: 104.5		Whipstock Set @:		KOP:						
Liner Size: Set At: TVD		Liner Top At: MD		TVD								
Mud Co: MI	Type: GEL	Sample From: PIT		Wt:	FV: 42.0	PV: 10.0	YP: 9.0	Gel: 0.3				
WL API: 10.0	HTHP:	FC(1/32) API/HTHP: 2.0		Solids: 4.5	% Oil: 0.0	% Water: 9.5	% Sand: 0.3	MBT:	pH: 8.0			
Pm:	Pf/Mf: 0/3	Carb:	Cl: 200.0	Ca/Mg: 80.0	Bent:	Solids % HG/LG:		% DS/Bent:				
Engr Service		Materials added last 24 hrs:										
Drig Gas:		Max Gas:		Conn. Gas:		Trip Gas:		Trip Cl:		Remarks:		
Bit No.	IADC	Size	Manufacturer	Serial Number	Type	Jets			TFA	MD In	MD Out	TVD Out
3	527	7 7/8	HTC	5002407	EP4950	12	12	12	0.3313	1,858'		
Feet	Hours	WOB	RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/Ft
1,712'	78.00	18	115-120	3	3	WT	A	5	I	BT-2	TD	
Total Length of BHA:		BHA Description:										
				DC Size: 6	DP Size: 4	Hours On Jars: 101.0	Hrs Since Last Inspection: 148.0					
Bit	Liner	Stroke	BBL/STK	SPM	Pressure	GPM	Jet Vel	DP AV	DC AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	16	0.145	58	1,100	353	341	188	333	0	0.00	227
Survey MD		Angle	Direction	TVD	N/S Coordinate		E/W Coordinate		Vertical Section		DLS	
Hrs.	(From -To) hh:mm	Operations Covering 24 Hours Ending at Midnight										
0:30	0:00 - 00:30	CIRCULATE, OPEN END DP @ 3075'										
1:00	0:30 - 01:30	PUMP 30 SK "G" CEMENT, 100' PLUG										
1:00	1:30 - 02:30	TOOH L/D 30 JOINTS DP, OPEN END DP @ 2144'										
0:30	2:30 - 03:00	PUMP 15 SK "G" CEMENT, 50' PLUG										
4:00	3:00 - 07:00	P/U KELLY, CIRC & BREAK KELLY SPINNER, TOOH L/D 69 JTS DP, LAST 5 PLUGGED W/ CEMENT										
0:30	7:00 - 07:30	TIH W/ 7 STANDS DP & P/U 2 JOINTS, OPEN END @ 497'										
1:00	7:30 - 08:30	PUMP 160 SKS "G" CEMENT, 550' PLUG, 1 BBL TO PITS, 4 PLUGS TOTAL										
3:30	8:30 - 12:00	NIPPLE DOWN BOP, CLEAN MUD TANK, RIG RELEASE @ 1200 HOURS 12 SEPT 02										
	-											
	-											
	-	FINAL REPORT										
	-											

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24 hr Summary: SET CEMENT PLUGS, L/D DP, RELEASE RIG					
SAFETY MEETING W/ ALL CREWS, NO ACCIDENT, SPILLS, OR NEAR MISSES					
Operations @ 0500 Hrs:					
27			EVEN:		
Incident Hours:	Safety Mtgs: 2	Safety Hrs, Rig: 72	Safety Hrs, Others: 82	Accidents:	
Incident Hours: (Cumulative) -	Safety Mtgs: (Cumulative) 32	Safety Hrs, Rig: (Cumulative) 1,512	Safety Hrs, Others: (Cumulative) 1,144	Accidents: (Cumulative) -	
			WBS Element No. (Drig) UWDCBE2002DRL		
			WBS Element No. (Comp)		
			Total Appr: \$ 307,400		
		Bulk Wt:	ChevronTexaco 0	API Number: 43-023-30019	
Profit Center: MCBU	Rig: SAUER RIG 30	Rig Phone: 435 749-0958	Drilling Rep: HACK BLANKENSHIP		
Field: WILLIAMS PEAK	Lease: STATE of UTAH	Well #: 1-20	Date: 12-Sep-02		

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SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER

2. Name of Operator: ChevronTexaco

3. Address and Telephone Number: 11111 S. Wilcrest Drive, Houston, Texas 77099 281-561-4860

4. Location of Well  
Footages: 516' FNL, 503' FEL  
County: Juab  
QQ, Sec., T., R., M.: NE/4 NE/4, Section 20, T16S, R1W, SLB&M  
State: Utah

5. Lease Designation and Serial Number: ML-48429

6. If Indian, Allottee or Tribe Name: N/A

7. Unit Agreement Name: N/A

8. Well Name and Number: Utah State 1-20

9. API Well Number: 43-023-30019

10. Field or Pool, or Wildcat: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input checked="" type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____ Date of work completion _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ChevronTexaco intends to plug and abandon the Utah State 1-20 well.

Following is a list of geologic tops encountered during drilling:

- Flagstaff 1,450'
- North Horn 2,750'
- TD 3,595'

Following is a description of the plugging procedure:

- 1st Plug set a 100' plug at 3,450' to 3,550' - 30 sks Class G cement (6 bbls)
- 2nd Plug set a 100' plug at 2,975' to 3,075' - 30 sks Class G cement (6 bbls)
- 3rd Plug from 497' to surface—160 sks Class G cement (32 bbls) (1 bbls to surface)

Attached please find the cement service job report plugging the well to state specifications.  
 A dry hole marker meeting state specifications was welded to the casing.  
 Reclamation will commence as soon as practical by ChevronTexaco

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**ORIGINAL**

13. Name & Signature: Don Hamilton Don Hamilton Title: Agent for ChevronTexaco Date: 10/16/02

(This space for state use only)  
 GAVE Verbal Approval thro Mark Jones (Docm) 9/11/2002  
 see Attached Phone Documentation & email - DSA RDent  
 COPY SENT TO OPERATOR  
 Date: 10-25-02  
 Initials: LHO  
 10/24/02



### Cementing Service Report

Customer <b>CHEVRONTXACO - 5053</b>	Job Number <b>2209742160</b>
--	---------------------------------

Well <b>STATE OF UTAH 1-20</b>	Location (Legal) <b>Vernal, UT</b>	Schlumberger Location <b>Vernal, UT</b>	Job Start <b>2002-Sep-11</b>
Field <b>WILLIAMS PEAK</b>	Formation Name/Type	Deviation	Bit Size in <b>Well MD 1610 2500 ft Well TD 2800 6500 ft</b>
County <b>Emery</b>	State/Province <b>UT</b>	BHP psi <b>110 °F</b>	BHST <b>105 °F</b>
Well Master: <b>0630438868</b>	API / UWI:	Pore Press. Gradient psi/ft	

Casing/Liner				
Rig Name	Drilled For <b>Gas</b>	Service Via <b>Land</b>	Depth, ft	Size, in
Offshore Zone	Well Class <b>New</b>	Well Type <b>Development</b>	Weight, lb/ft	Grade
			<b>17</b>	<b>K55</b>
				Thread <b>8RD</b>

Tubing/Drill Pipe				
Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cp	Depth, ft	Size, in
				Weight, lb/ft
				Grade
				Thread

Service Line <b>Cementing</b>	Job Type <b>Plug &amp; Abandon</b>	Perforations/Open Hole		
----------------------------------	---------------------------------------	------------------------	--	--

Max. Allowed Tubing Pressure psi	Max. Allowed Ann. Pressure psi	Wellhead Connection	Top, ft	Bottom, ft	epf	No. of Shots	Total Interval ft
							Diameter in
Service Instructions <b>Plug to Abandon as per company rep instructions.</b>							
Treat Down Casing	Displacement 91 bbl	Packer Type	Packer Depth ft	Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Open Hole Vol. bbl

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	Casing Tools	Squeeze Job
Lift Pressure: psi	Pipe Rotated <input type="checkbox"/>	Shoe Type:	Squeeze Type
	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth: ft	Tool Type:
No. Centralizers: Top Plugs: Bottom Plugs:		Stage Tool Type:	Tool Depth: ft
Cement Head Type:		Stage Tool Depth: ft	Tail Pipe Size: in
Job Scheduled For:	Arrived on Location: 2002-Sep-11 21:00	Collar Type:	Tail Pipe Depth: ft
	Leave Location: 2002-Sep-12 10:00	Collar Depth: ft	Sqz Total Vol: bbl

Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2002-Sep-11	23:33	0	0.0	8.38	0.0	0	0	0	Hold Safety Meeting
2002-Sep-11	23:34	0	0.0	8.41	0.0	0	0	0	
2002-Sep-11	23:34								Start Job
2002-Sep-11	23:35	0	0.0	7.92	0.0	0	0	0	
2002-Sep-11	23:35								Pressure Test Lines
2002-Sep-11	23:35	5	0.0	8.01	0.0	0	0	0	
2002-Sep-11	23:38	41	0.0	7.70	0.3	0	0	0	
2002-Sep-11	23:40	14	0.0	7.28	0.3	0	0	0	
2002-Sep-11	23:42	9	0.0	6.99	0.3	0	0	0	
2002-Sep-11	23:44	165	3.9	8.32	4.7	0	0	0	
2002-Sep-11	23:46	82	3.2	8.42	12.5	0	0	0	
2002-Sep-11	23:46	64	0.0	8.52	12.7	0	0	0	Start first plug <b>30 yds</b>
2002-Sep-11	23:46								Batch up tub
2002-Sep-11	23:47								Start Cement Slurry
2002-Sep-11	23:47	298	2.0	16.57	12.8	0	0	0	
2002-Sep-11	23:48	133	3.9	15.73	16.1	0	0	0	
2002-Sep-11	23:50	92	3.9	15.76	23.9	0	0	0	
2002-Sep-11	23:50	32	1.1	14.45	25.0	0	0	0	
2002-Sep-11	23:50								End Cement Slurry
2002-Sep-11	23:50	55	1.3	13.11	25.0	0	0	0	Start Displacement
2002-Sep-11	23:52	18	4.1	12.21	31.0	0	0	0	

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Well		Field			Service Date		Customer		Job Number
STATE OF UTAH #1-20		WILLIAMS PEAK			02264-Sep-11		CHEVRONTEXACO - 6053		2208742160
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bb/min	lb/gal	bb	0	0	0	
2002-Sep-11	23:54	18	4.1	12.10	39.2	0	0	0	
2002-Sep-11	23:56	27	4.1	12.06	47.3	0	0	0	
2002-Sep-11	23:58	23	4.1	12.08	55.4	0	0	0	
2002-Sep-12	0:00	252	4.0	12.05	63.5	0	0	0	
2002-Sep-12	0:01								End Displacement
2002-Sep-12	0:01	142	1.2	11.94	68.0	0	0	0	
2002-Sep-12	0:02	275	0.0	12.31	68.0	0	0	0	
2002-Sep-12	0:04	32	0.0	12.34	68.0	0	0	0	
2002-Sep-12	0:06	18	0.0	12.34	68.0	0	0	0	
2002-Sep-12	0:06	18	0.0	12.33	68.0	0	0	0	
2002-Sep-12	0:06								Wait to pull pipe
2002-Sep-12	0:51								Start second plug <i>30 SKS</i>
2002-Sep-12	0:51	-14	0.0	0.13	0.0	0	0	0	
2002-Sep-12	0:52	-14	0.0	0.12	0.0	0	0	0	
2002-Sep-12	0:54	60	4.0	7.88	4.4	0	0	0	
2002-Sep-12	0:56	82	3.9	7.58	12.3	0	0	0	
2002-Sep-12	0:56								Batch up tub
2002-Sep-12	0:56	0	0.3	1.29	12.6	0	0	0	
2002-Sep-12	0:57								Start Cement Slurry
2002-Sep-12	0:57	189	3.9	16.02	13.8	0	0	0	
2002-Sep-12	0:58	18	0.0	11.60	15.7	0	0	0	
2002-Sep-12	1:00	87	3.9	14.60	17.0	0	0	0	
2002-Sep-12	1:02	32	2.7	8.11	24.8	0	0	0	
2002-Sep-12	1:02								End Cement Slurry
2002-Sep-12	1:02	27	2.1	5.70	24.8	0	0	0	
2002-Sep-12	1:02								Start Displacement
2002-Sep-12	1:02	0	0.4	11.81	24.9	0	0	0	
2002-Sep-12	1:04	-5	4.0	11.48	31.6	0	0	0	
2002-Sep-12	1:06	0	4.0	12.17	39.6	0	0	0	
2002-Sep-12	1:08	0	4.0	19.45	47.7	0	0	0	
2002-Sep-12	1:10	78	4.0	21.89	55.7	0	0	0	
2002-Sep-12	1:12	99	1.1	11.17	58.2	0	0	0	
2002-Sep-12	1:13	87	0.0	11.16	59.1	0	0	0	
2002-Sep-12	1:13								End Displacement
2002-Sep-12	1:14	5	0.0	11.37	59.1	0	0	0	
2002-Sep-12	1:15	-5	0.0	11.39	59.1	0	0	0	
2002-Sep-12	1:15								Wait to lay down drill pipe
2002-Sep-12	2:30	-5	0.0	0.13	0.0	0	0	0	
2002-Sep-12	2:32								Start third plug <i>15 SKS</i>
2002-Sep-12	2:32	-5	0.0	0.13	0.0	0	0	0	
2002-Sep-12	2:32	-5	0.0	0.13	0.0	0	0	0	
2002-Sep-12	2:36	-14	0.0	8.55	2.6	0	0	0	
2002-Sep-12	2:38	87	4.0	8.46	4.7	0	0	0	
2002-Sep-12	2:40	37	2.5	8.46	12.6	0	0	0	
2002-Sep-12	2:41								Start Cement Slurry
2002-Sep-12	2:41	87	2.5	16.07	12.7	0	0	0	
2002-Sep-12	2:42	55	1.5	16.23	14.1	0	0	0	
2002-Sep-12	2:44	9	1.5	16.17	17.2	0	0	0	
2002-Sep-12	2:45	-14	0.0	15.40	18.9	0	0	0	
2002-Sep-12	2:45								End Cement Slurry
2002-Sep-12	2:45	-9	1.2	15.51	18.9	0	0	0	
2002-Sep-12	2:45								Start Displacement
2002-Sep-12	2:46	-5	3.6	11.79	21.3	0	0	0	
2002-Sep-12	2:48	0	4.0	11.71	28.9	0	0	0	

Well		Field		Service Date		Customer			Job Number
STATE OF UTAH #1-20		WILLIAMS PEAK		02254-Sep-11		CHEVRONTEXACO - 5053			2206742180
Date	Time	Treating Pressure	Flow Rate	Density	Volume	g	g	g	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	g	g	g	
2002-Sep-12	2:50	9	4.0	11.76	36.9	0	0	0	
2002-Sep-12	2:52	50	0.0	12.01	42.4	0	0	0	
2002-Sep-12	2:52								End Displacement
2002-Sep-12	2:52	46	0.0	12.05	42.4	0	0	0	
2002-Sep-12	2:54	0	0.0	12.09	42.4	0	0	0	
2002-Sep-12	2:55	-9	0.0	12.08	42.4	0	0	0	
2002-Sep-12	2:55								Wait to pull pipe
2002-Sep-12	7:51								Start surf. plug 1605kg
2002-Sep-12	7:51	0	0.0	8.76	0.0	0	0	0	
2002-Sep-12	7:52	0	0.0	8.78	0.0	0	0	0	
2002-Sep-12	7:54	78	2.9	9.92	0.1	0	0	0	
2002-Sep-12	7:54								Start Cement Slurry
2002-Sep-12	7:54	105	4.0	24.68	0.9	0	0	0	
2002-Sep-12	7:56	5	0.0	15.37	6.0	0	0	0	
2002-Sep-12	7:58	46	2.5	16.18	8.5	0	0	0	
2002-Sep-12	8:00	69	3.9	16.49	14.8	0	0	0	
2002-Sep-12	8:02	87	3.9	16.16	22.6	0	0	0	
2002-Sep-12	8:04	78	3.9	16.48	30.4	0	0	0	
2002-Sep-12	8:06	82	3.9	16.39	36.7	0	0	0	
2002-Sep-12	8:08	69	3.9	16.32	41.4	0	0	0	
2002-Sep-12	8:10	32	2.5	16.23	45.7	0	0	0	
2002-Sep-12	8:12								End Cement Slurry
2002-Sep-12	8:12	5	0.9	2.87	51.4	0	0	0	
2002-Sep-12	8:12	5	0.0	0.94	51.5	0	0	0	
2002-Sep-12	8:12								cement to surf (1bbt)
2002-Sep-12	8:12	9	0.0	10.08	51.5	0	0	0	
2002-Sep-12	8:14	14	0.0	12.69	51.5	0	0	0	Job Complete

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
3.02			6.04	52.19	0	0			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
137.32		56.4							
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		<input type="checkbox"/> Washed Thru Perfs To ft			
%	52 bbl	91 bbl	*F						
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	
Hack, Blankenship			Allen, William						



025

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [ ] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [x] HORIZ. LATS. [ ] DEEP-EN [ ] RE-ENTRY [ ] DIFF. RESVR. [ ] OTHER [ ]

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48429

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: Utah State 1-20

2. NAME OF OPERATOR: ChevronTexaco

9. API NUMBER: 4302330019

3. ADDRESS OF OPERATOR: 11111 S. Wilcrest CITY Houston STATE TX ZIP 77099 PHONE NUMBER: (281) 561-4894

10 FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 516' FNL, 503' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME
AT TOTAL DEPTH: SAME

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 20 16S 1W

12. COUNTY: Juab 13. STATE: UTAH

14. DATE SPUDDED: 9/3/2002 15. DATE T.D. REACHED: 9/10/2002 16. DATE COMPLETED: 9/12/2002 ABANDONED [x] READY TO PRODUCE [ ]

17. ELEVATIONS (DF, RKB, RT, GL): GL: 5186

18. TOTAL DEPTH: MD 3595 TVD 3595 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
23. WAS WELL CORED? NO [x] YES [ ] (Submit analysis)
WAS DST RUN? NO [x] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [x] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with 10 columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED

25. TUBING RECORD

Table with 9 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS

Table with 5 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)

27. PERFORATION RECORD

Table with 9 columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS (Open, Squeezed)

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- [ ] ELECTRICAL/MECHANICAL LOGS
[ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

- [ ] GEOLOGIC REPORT
[ ] CORE ANALYSIS
[ ] DST REPORT
[ ] OTHER:

[ ] DIRECTIONAL SURVEY RECEIVED

30. WELL STATUS:

NOV 25 2002

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

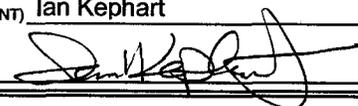
Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Ian Kephart

TITLE Petroleum Engineer (Not TX Board Licensed)

SIGNATURE 

DATE 11/21/2002

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

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